

Fig. 2

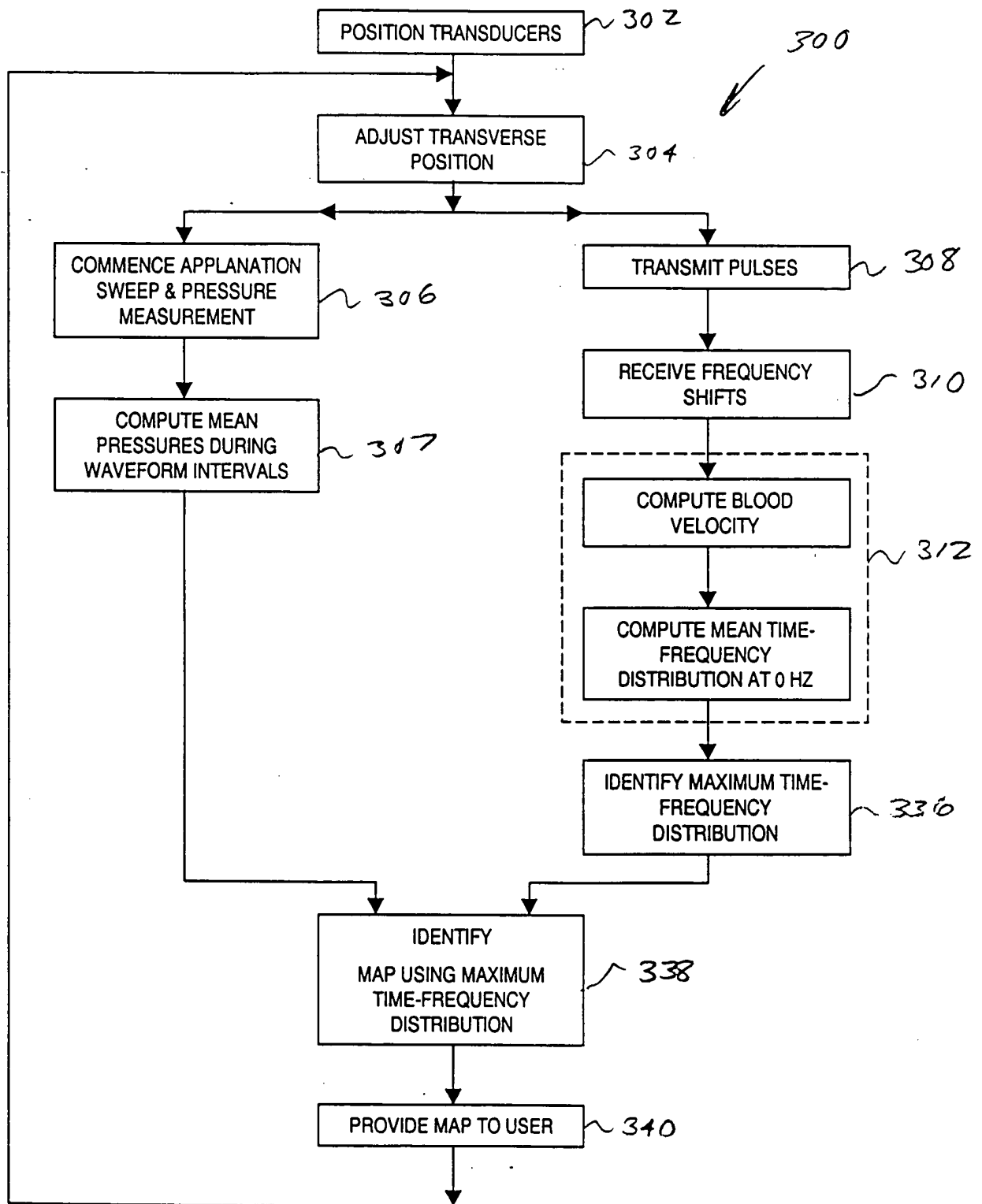


FIG. 3A

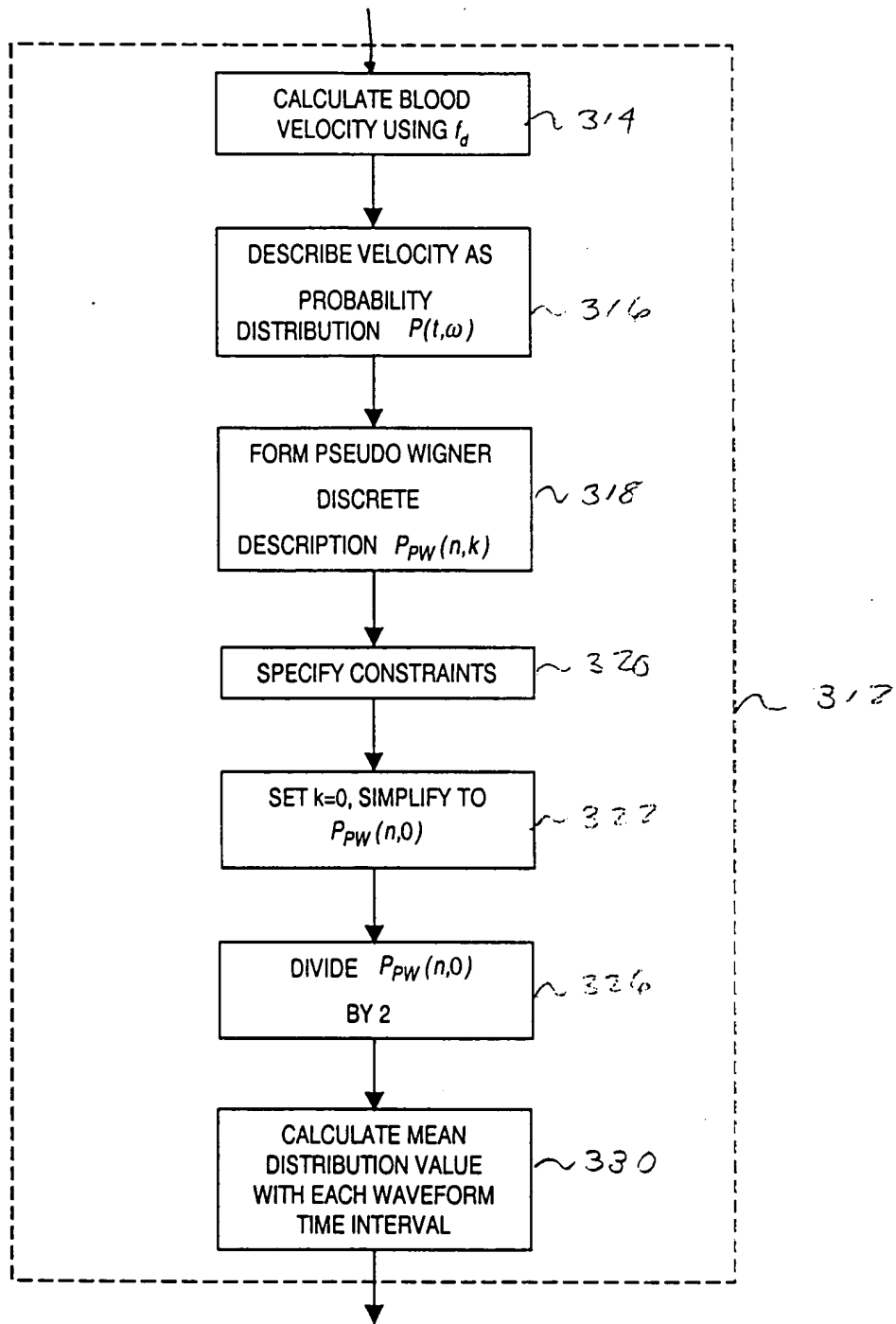


FIG. 36

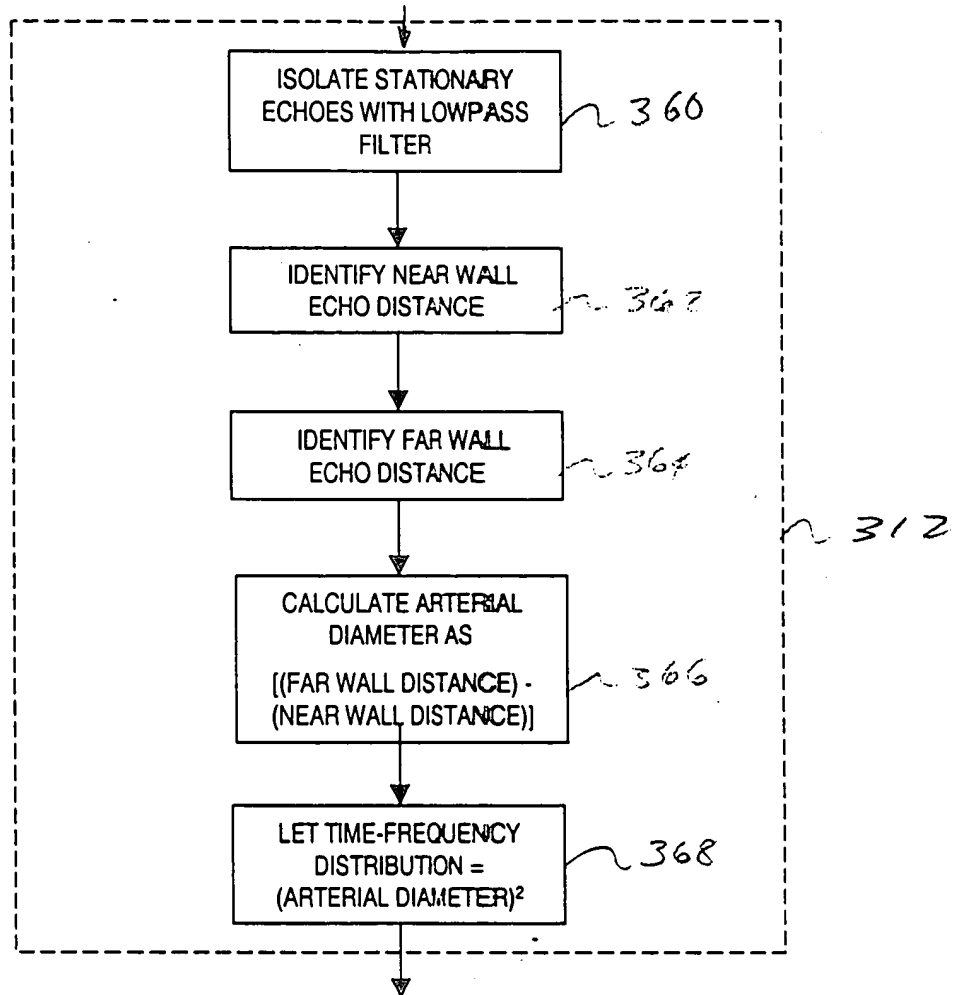


FIG. 3C

FIG. 4a

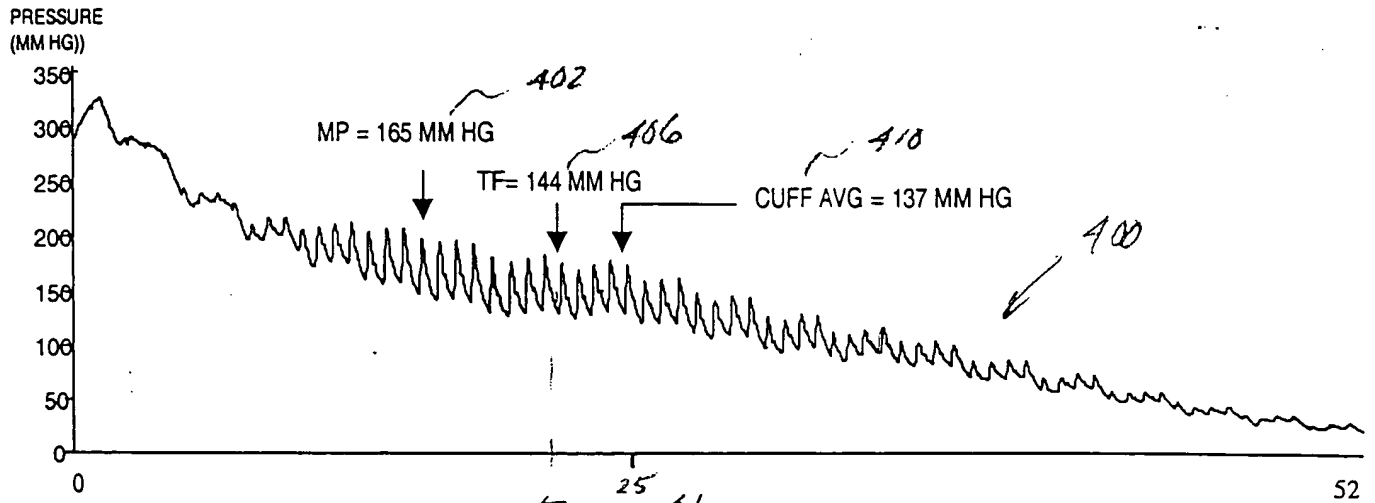


FIG. 4b

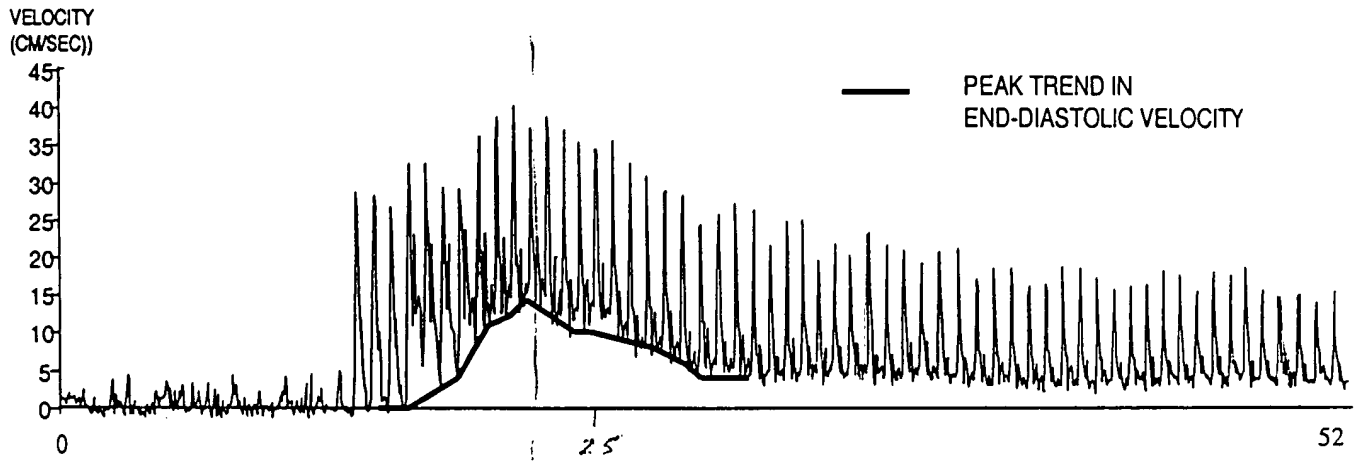
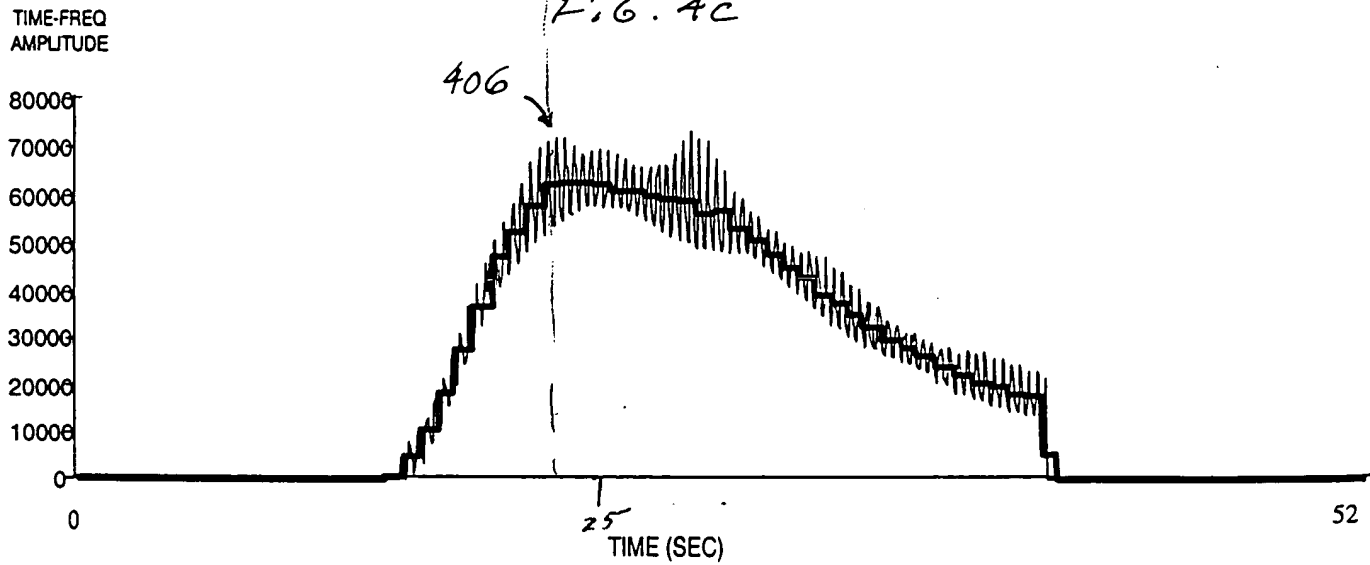


FIG. 4c



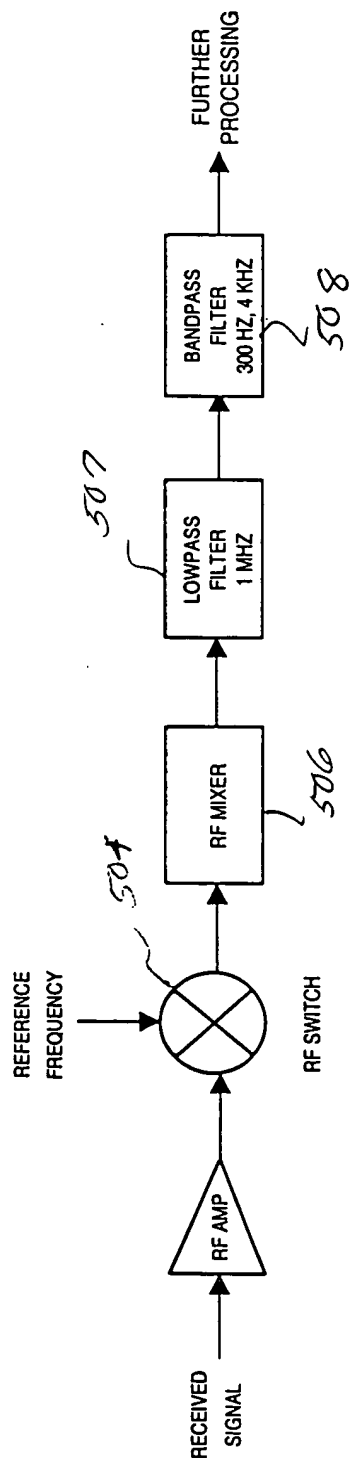


Fig. 5a

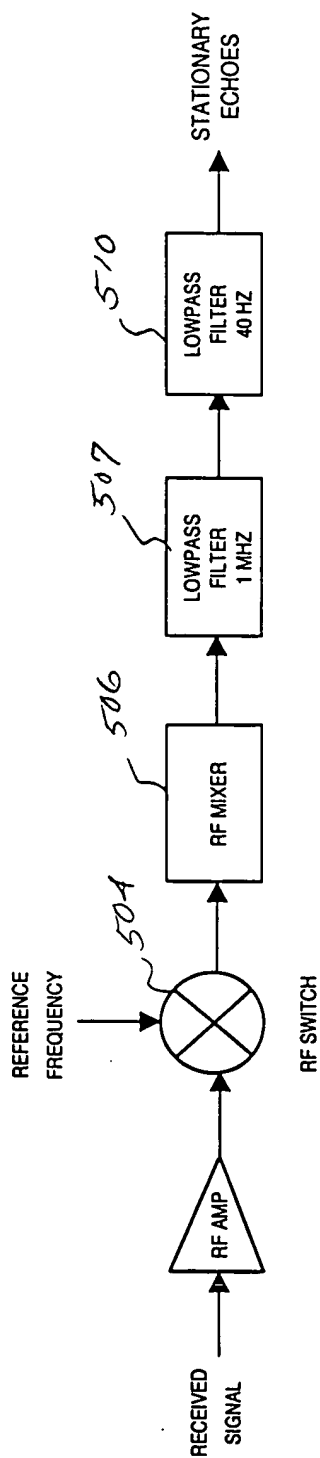


Fig 5b

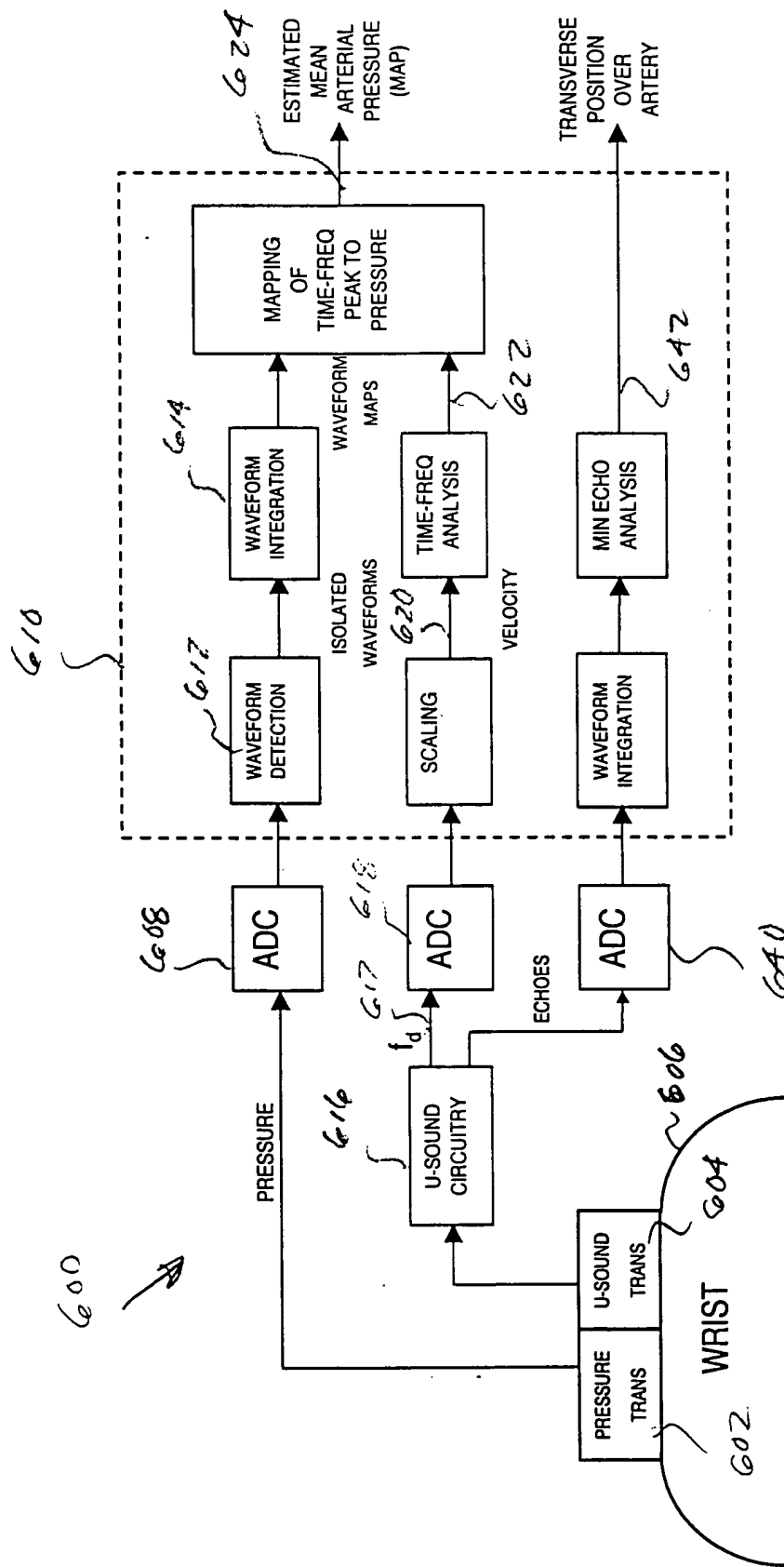


FIG. 6



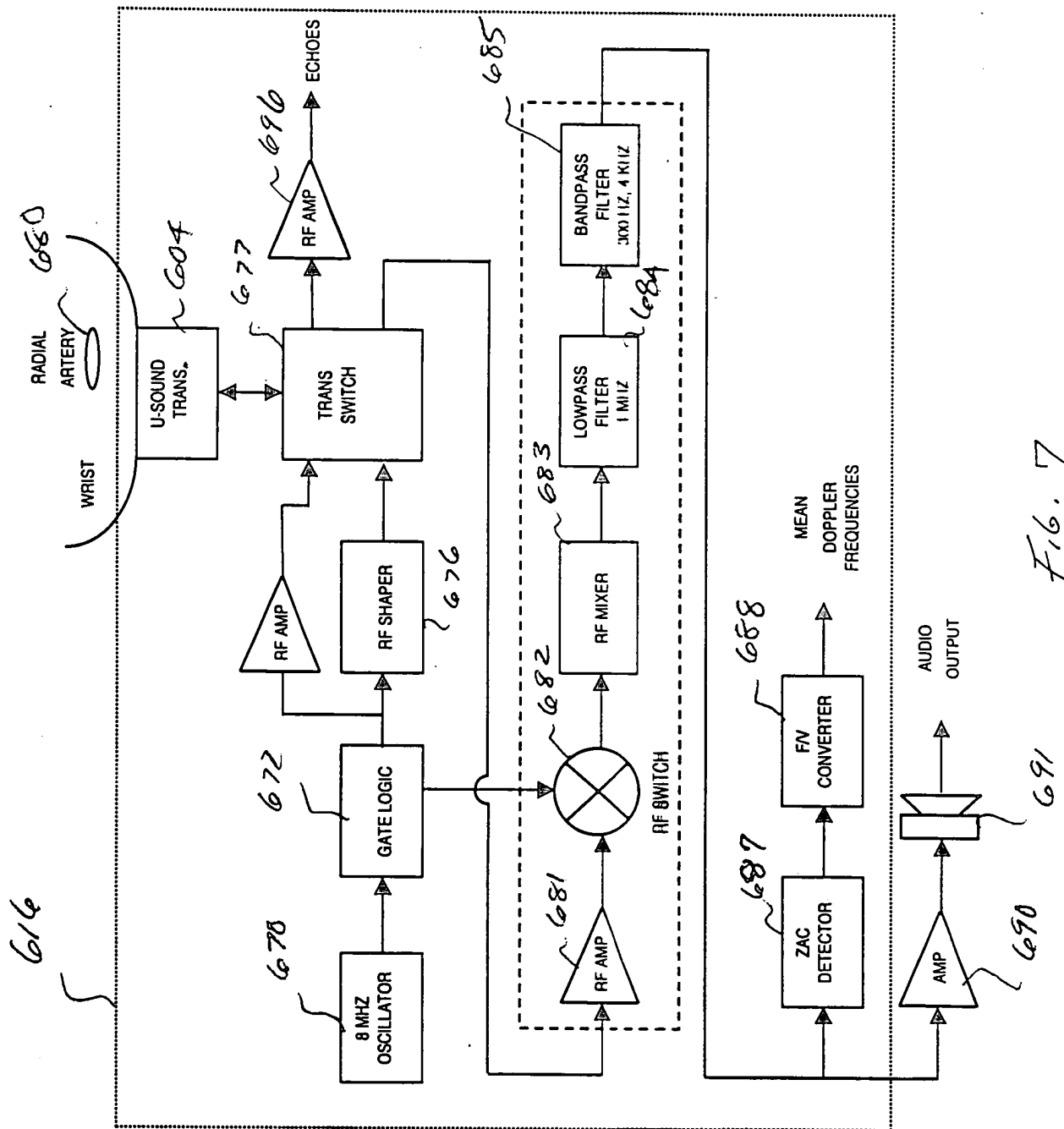
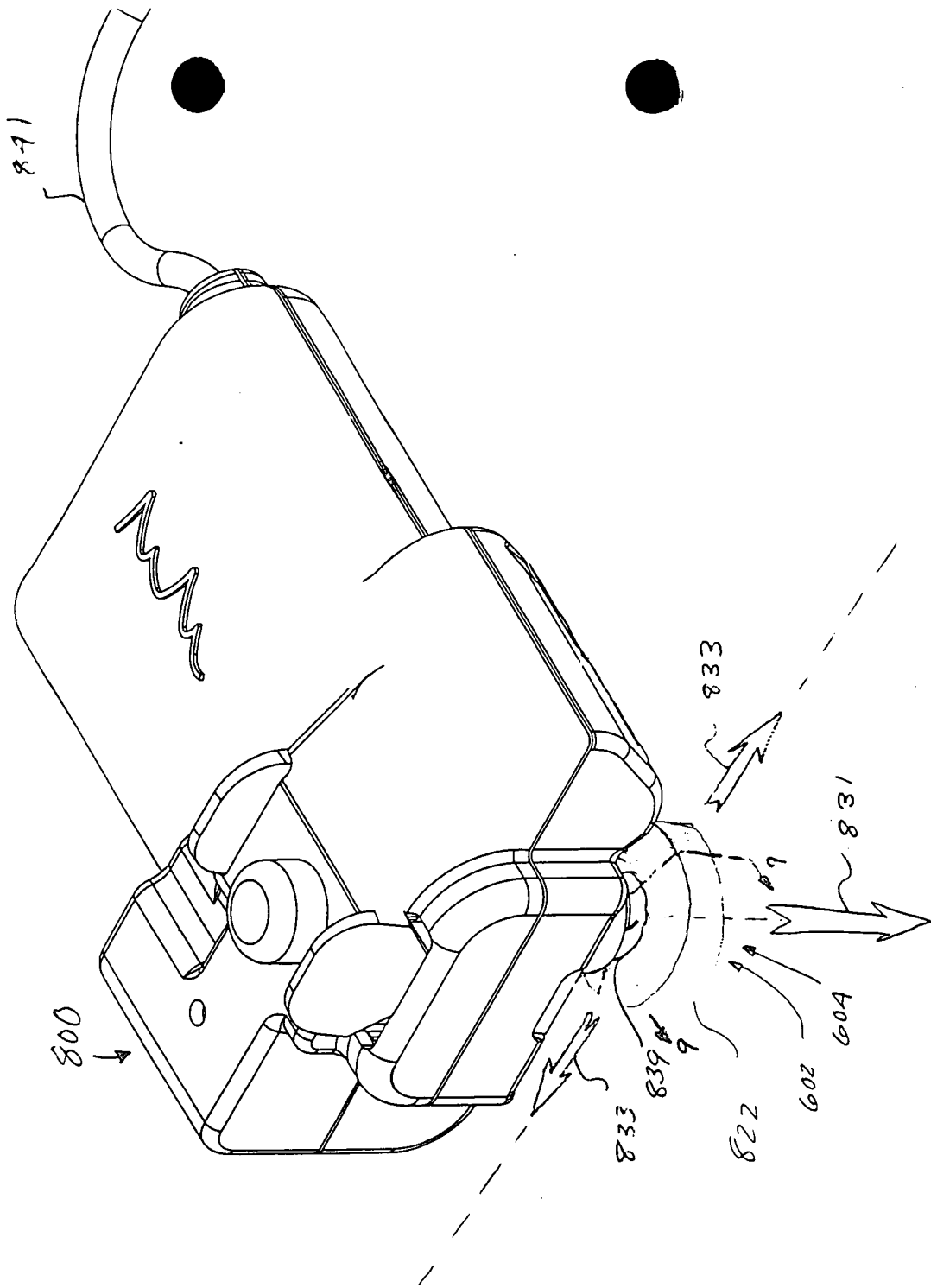


FIG. 8



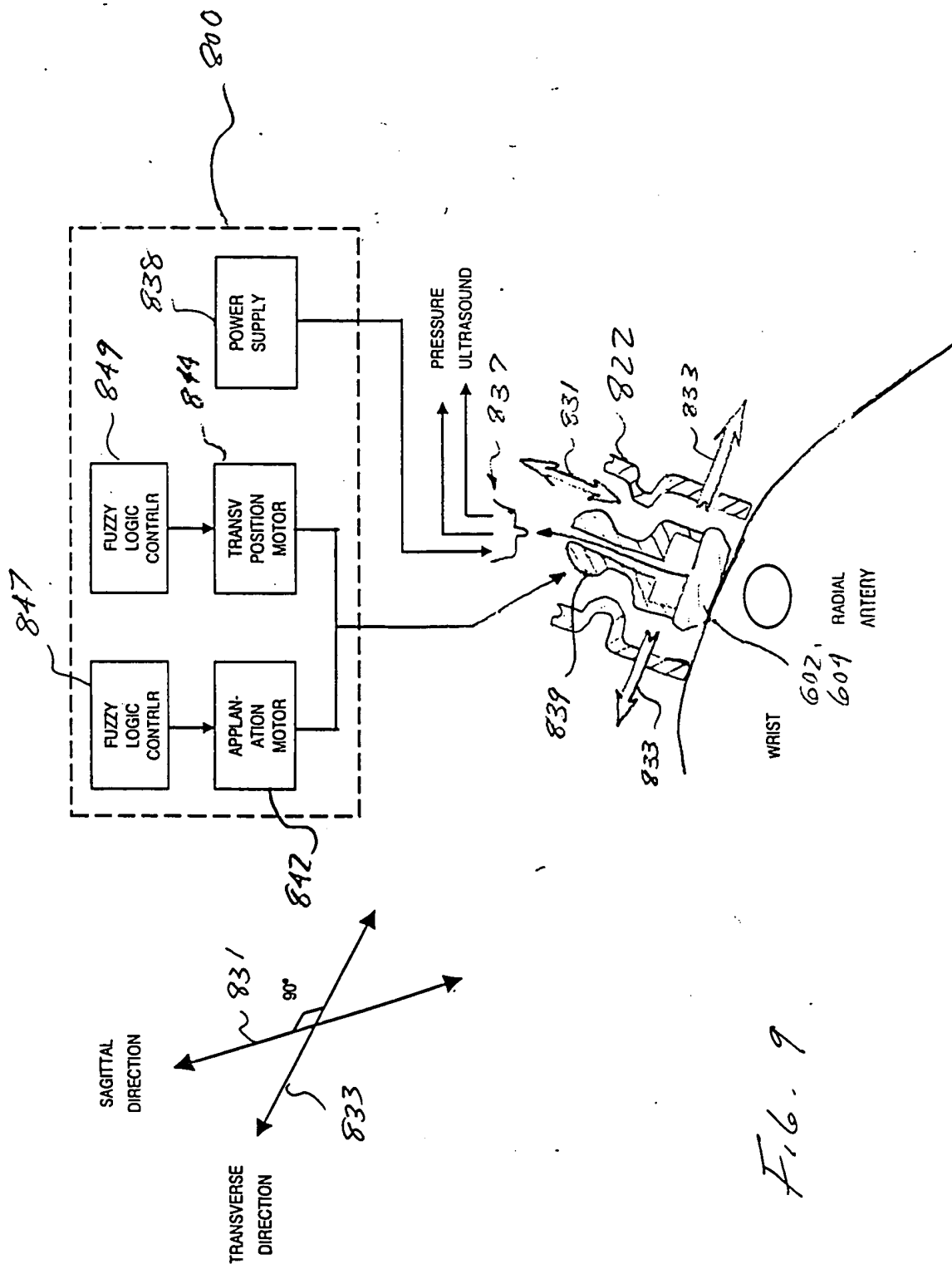


Fig. 9



FIG. 11

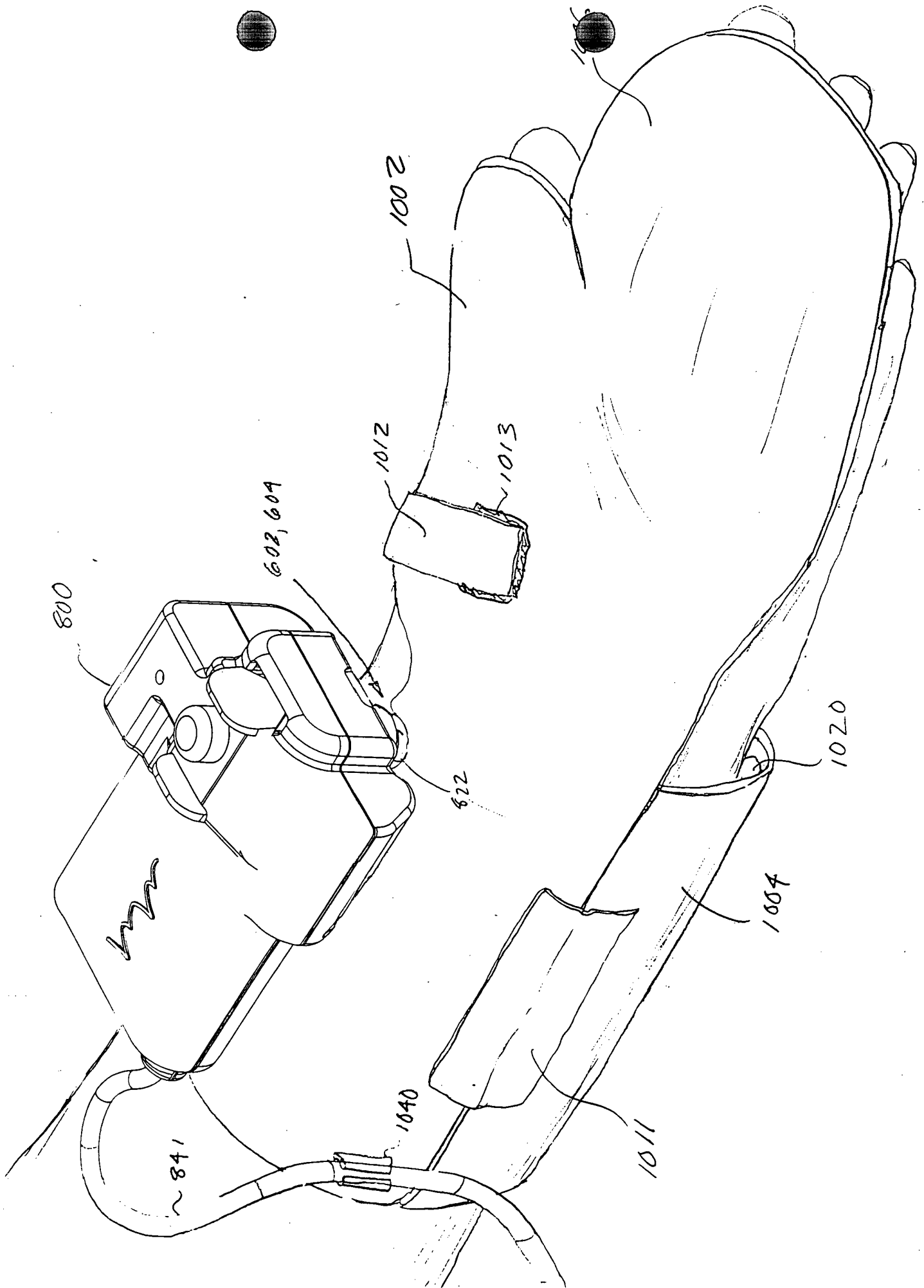
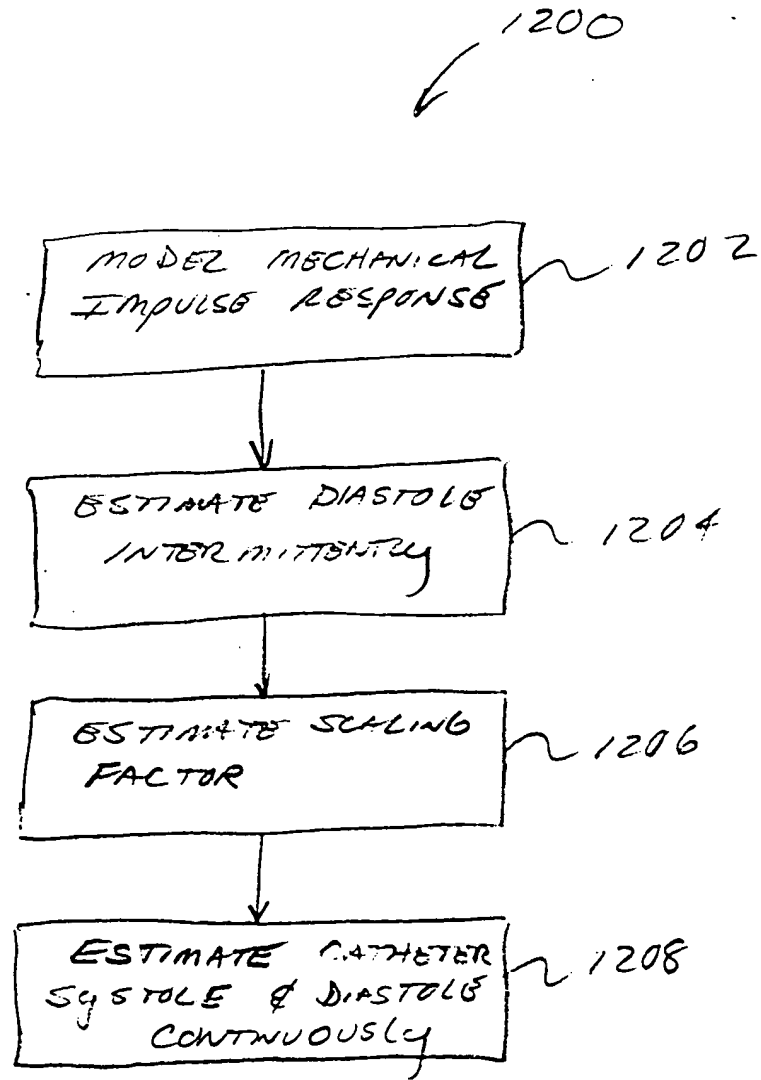


FIG. 12



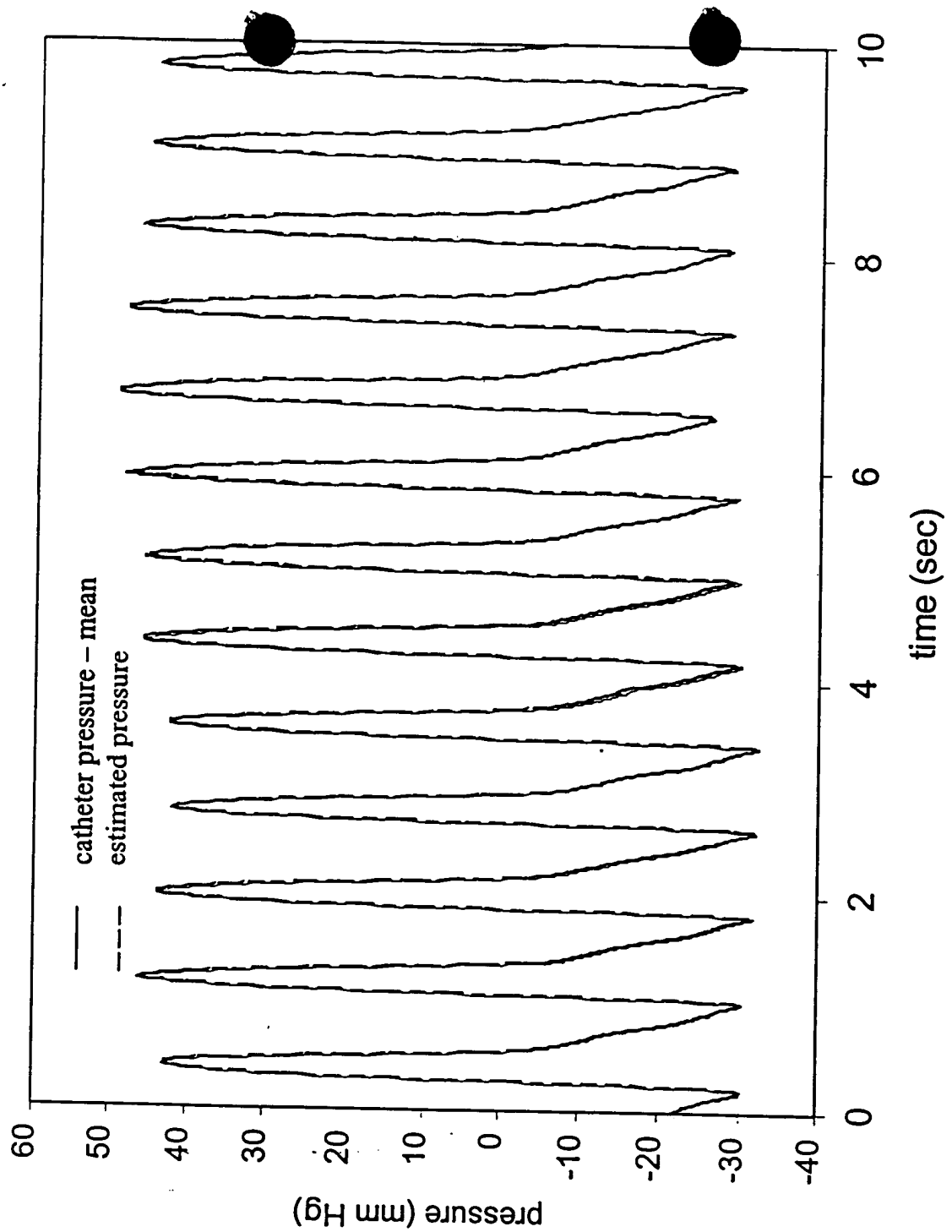


FIG. 13

Fig. 14a

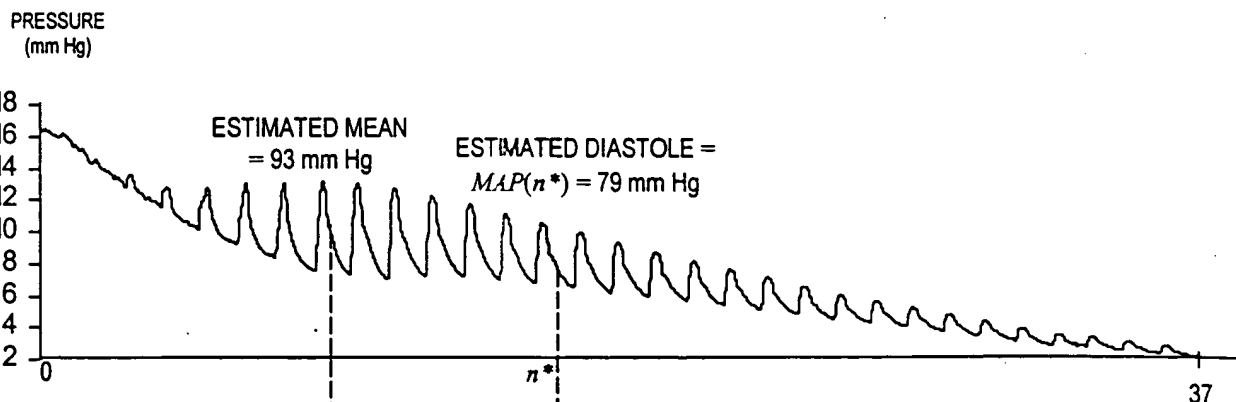


Fig. 14b

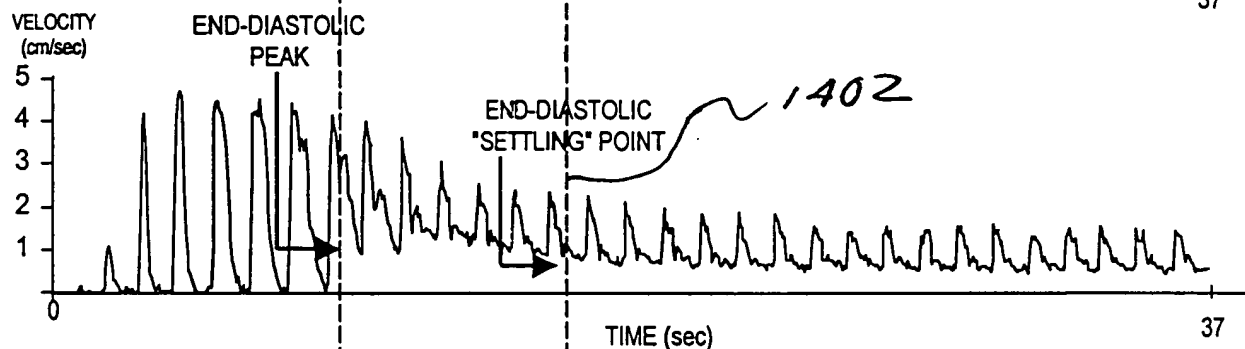


Fig. 14c

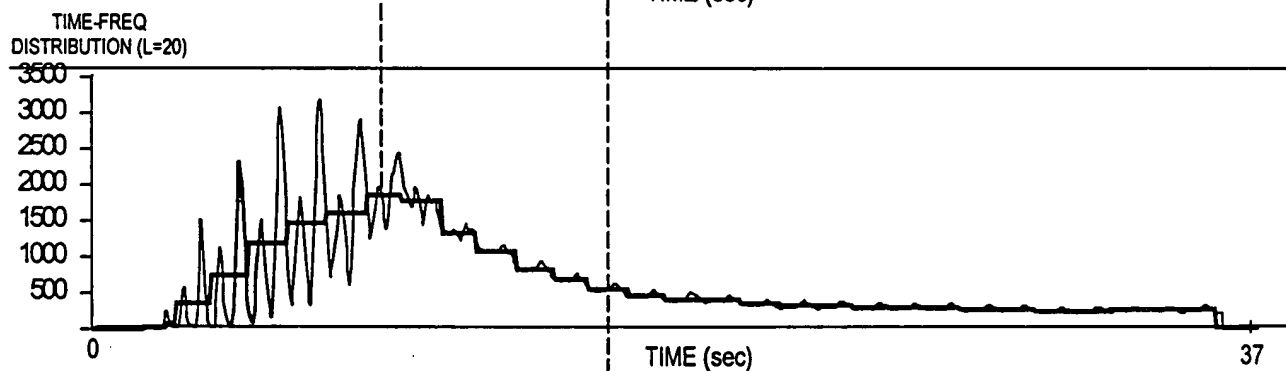
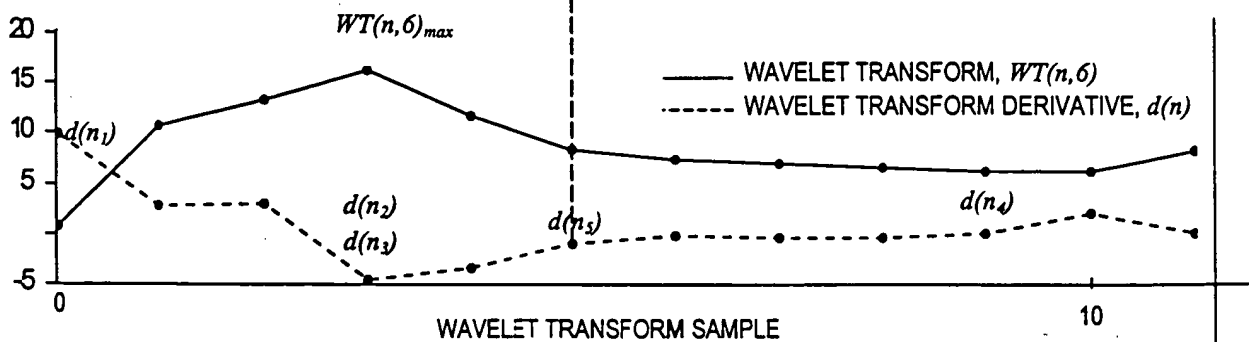


Fig. 14d





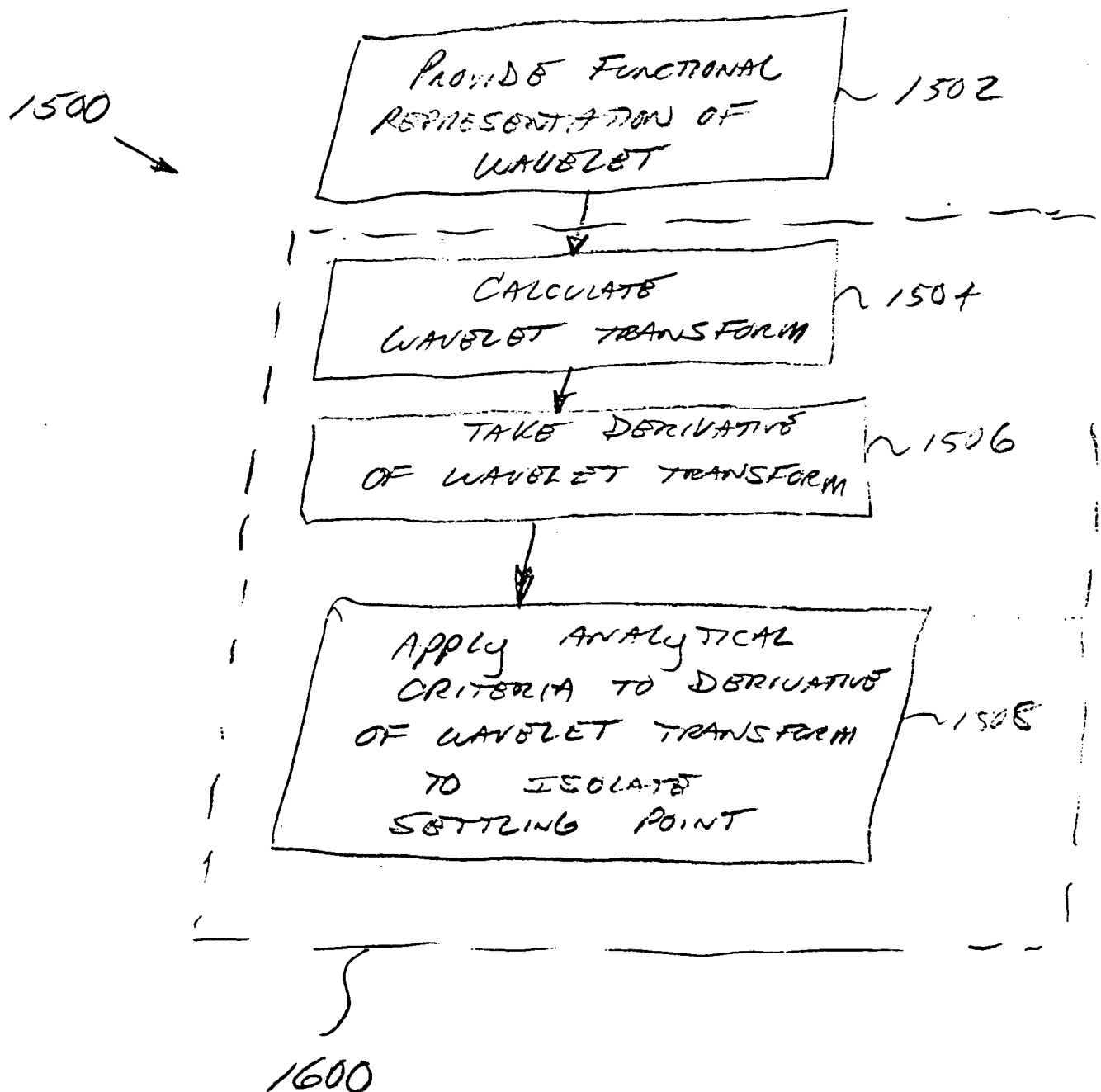
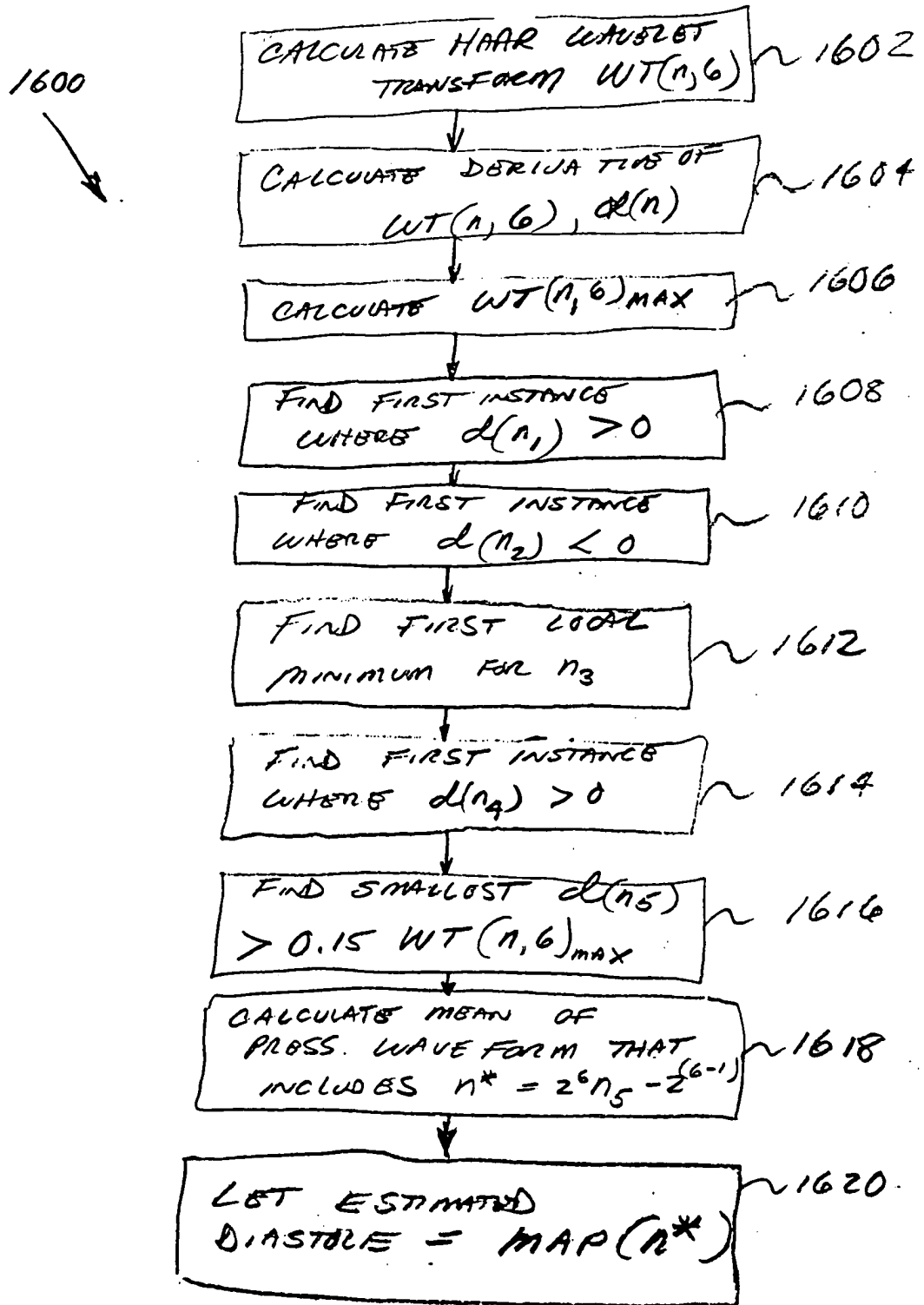


FIG. 16



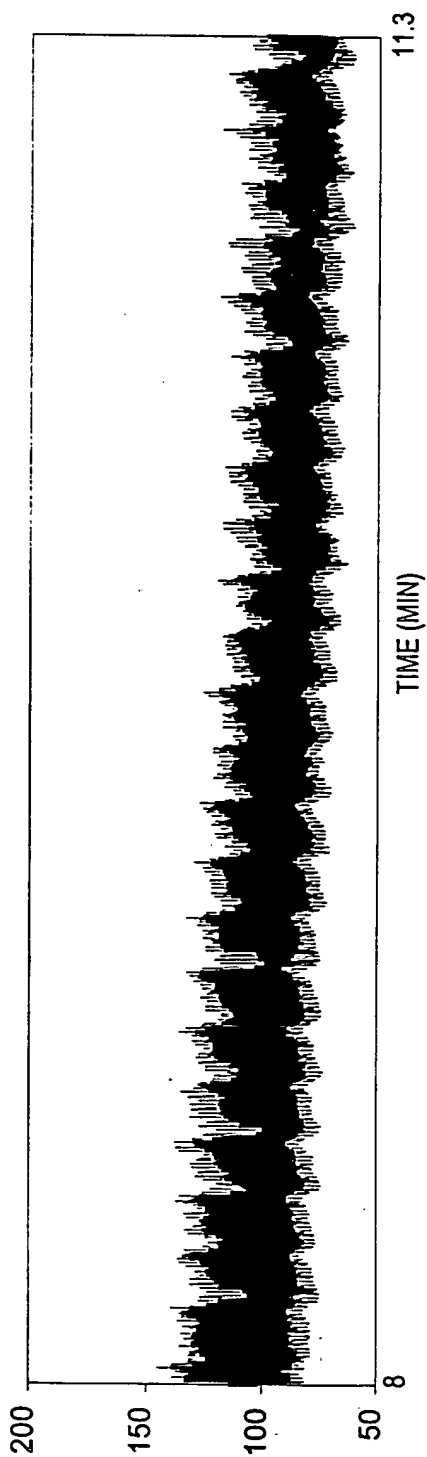
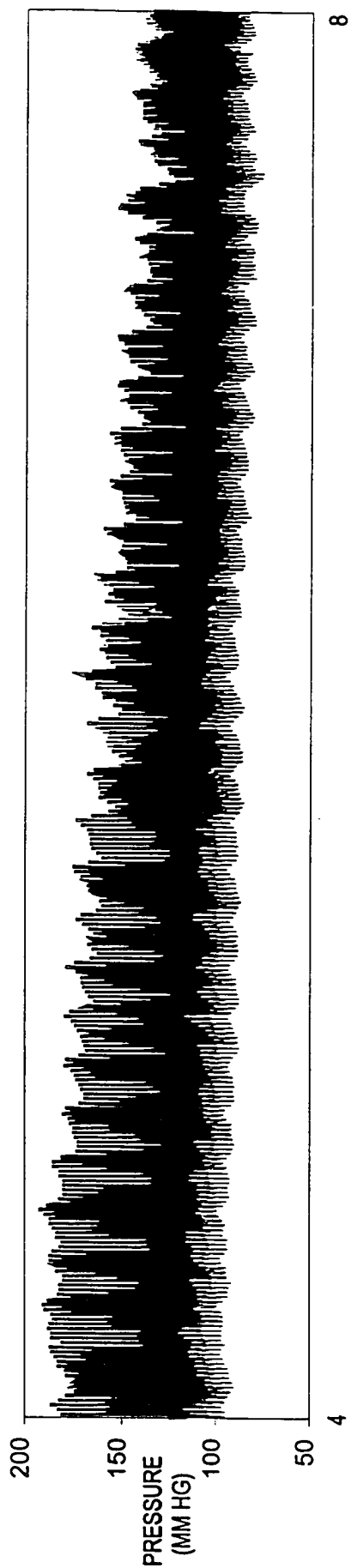
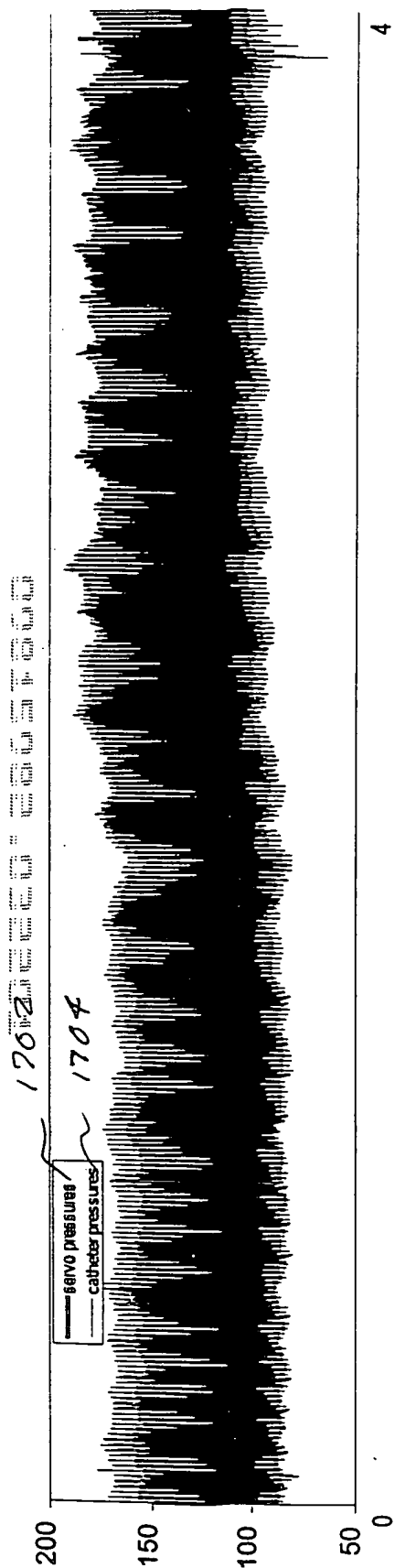
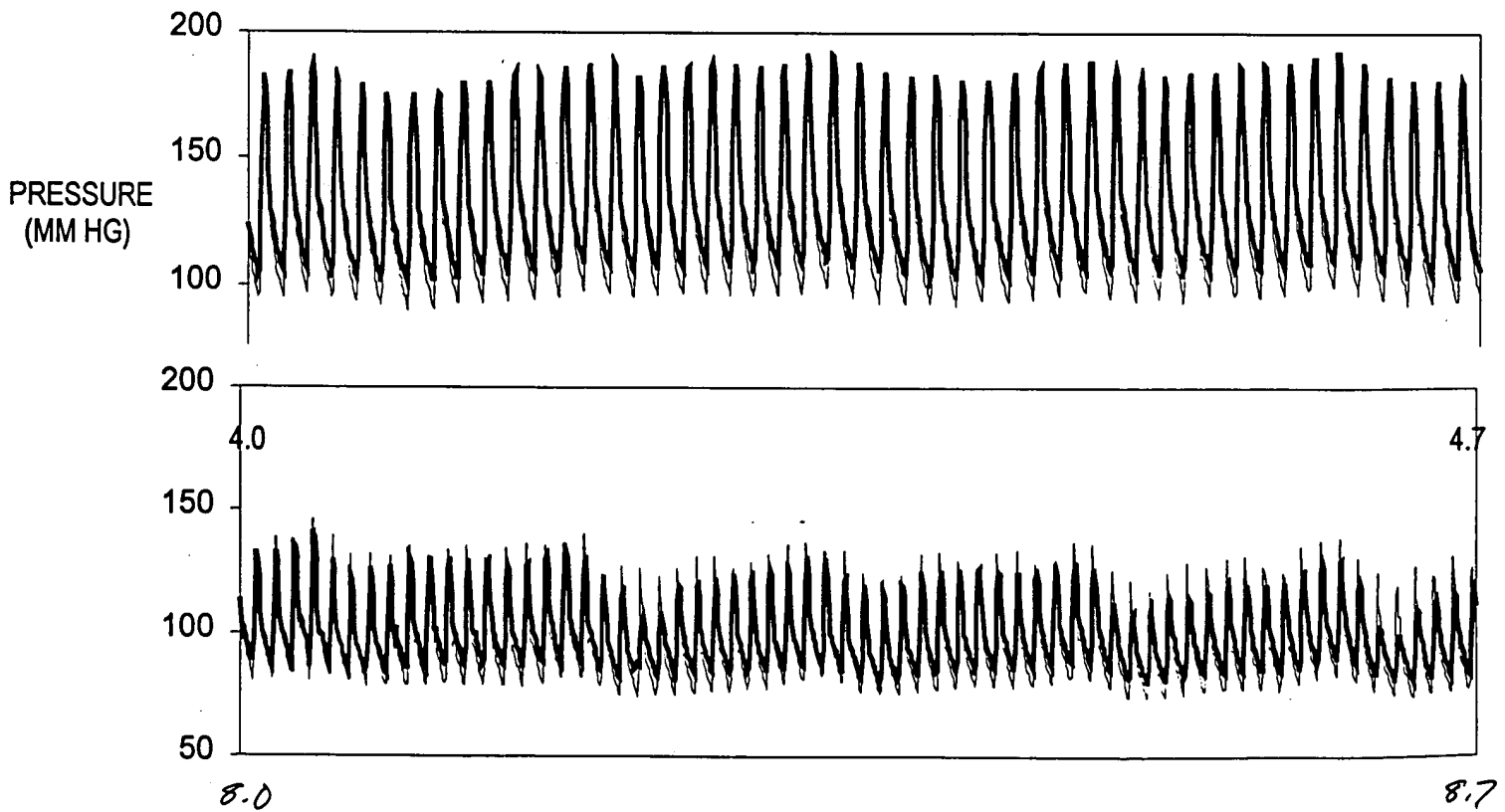
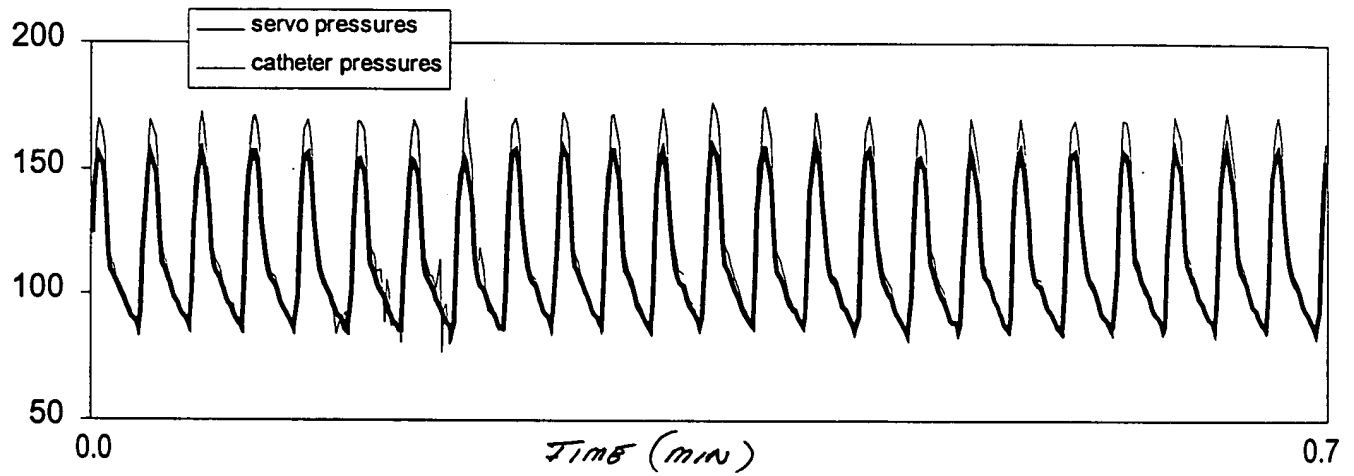


FIG. 17

Fig. 18



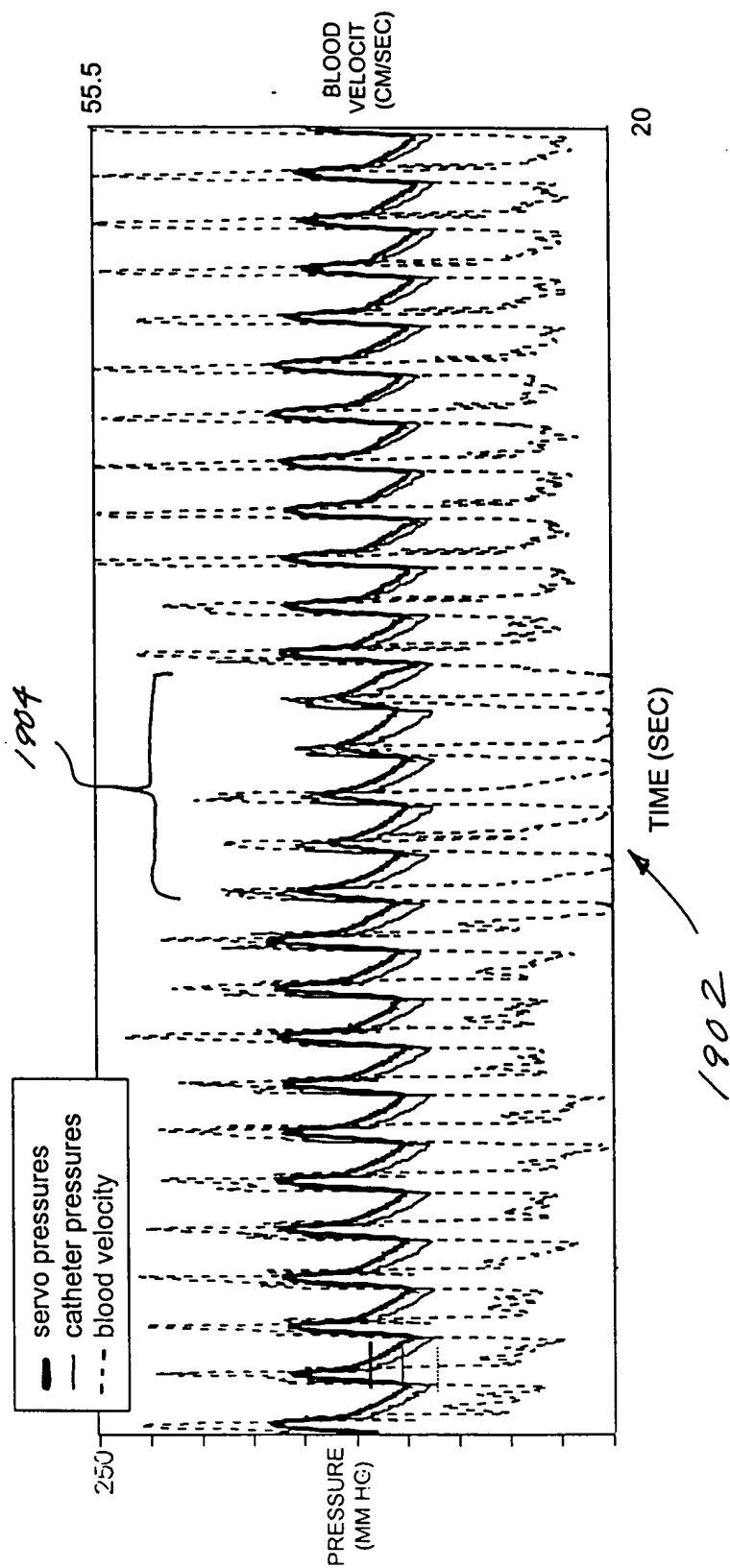


FIG. 19

START

GENERATE &  
TRANSMIT  
ENERGY  
INTO TISSUE

~ 2002

FIG. 20

2000

RECEIVE  
BACKSCATTERED  
ENERGY FROM  
TISSUE & BLOOD VESSEL

~ 2004

CONVERT  
BACKSCATTERED  
ENERGY TO  
"A-MODE" FORMAT

~ 2006

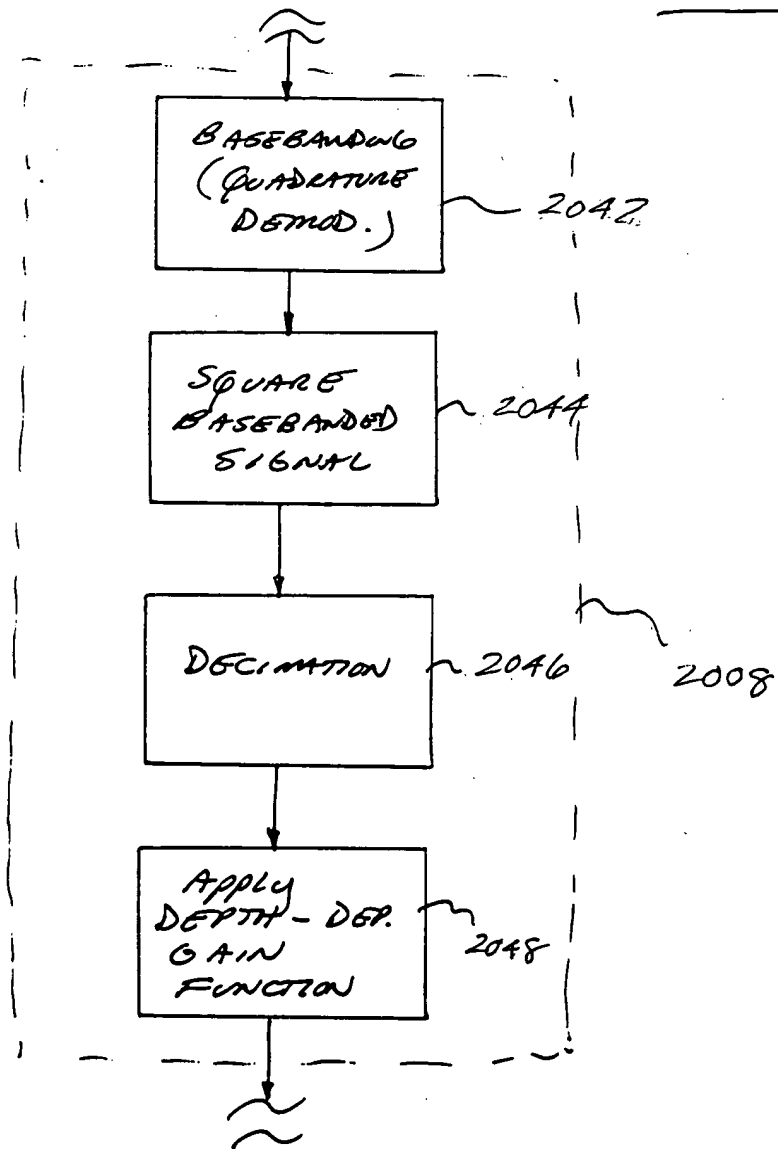
APPLY  
SIGNAL  
PROCESSING

~ 2008

ANALYZE  
PROCESSED  
SIGNALS  
USING METRIC

~ 2010

FIG. 20a



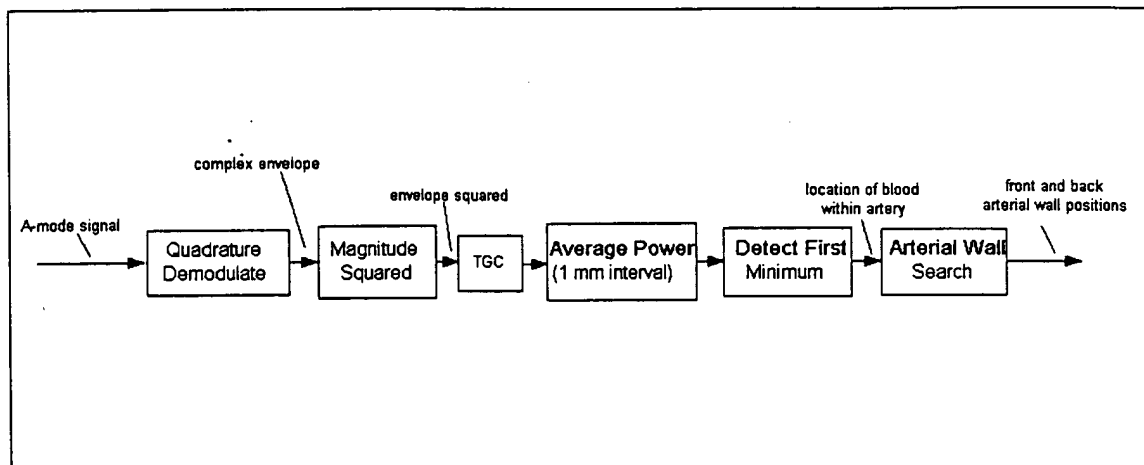


Fig. 3/c

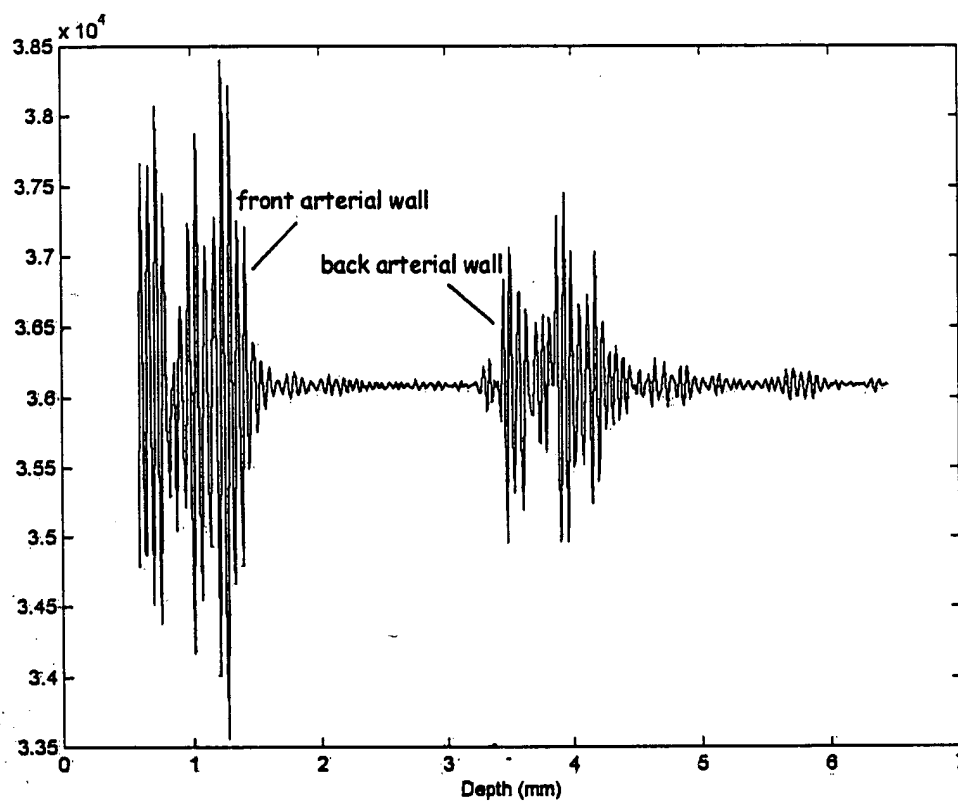


Fig. 2/



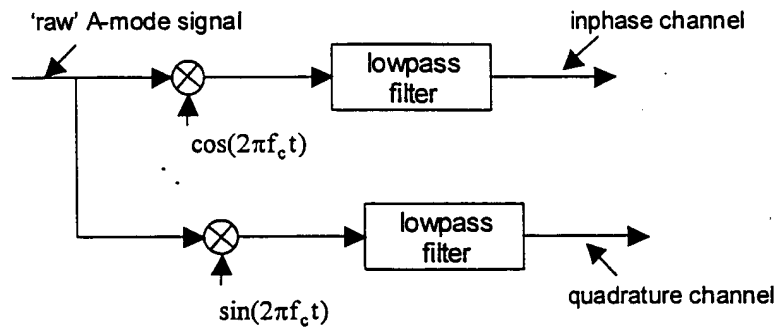


Fig. 24

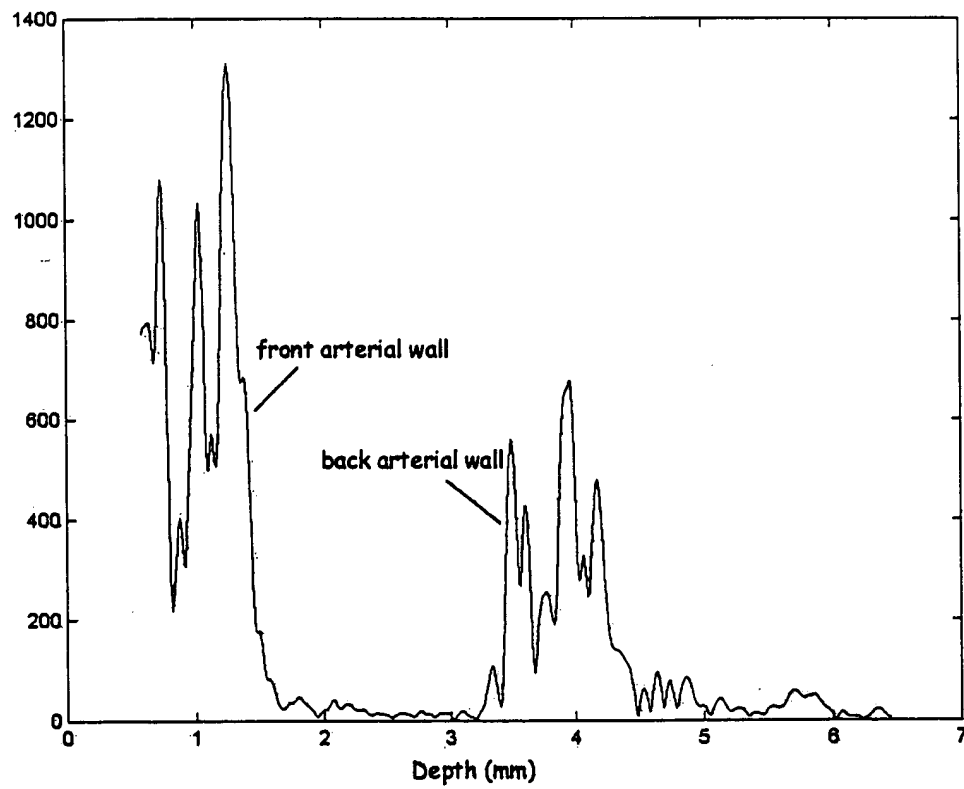
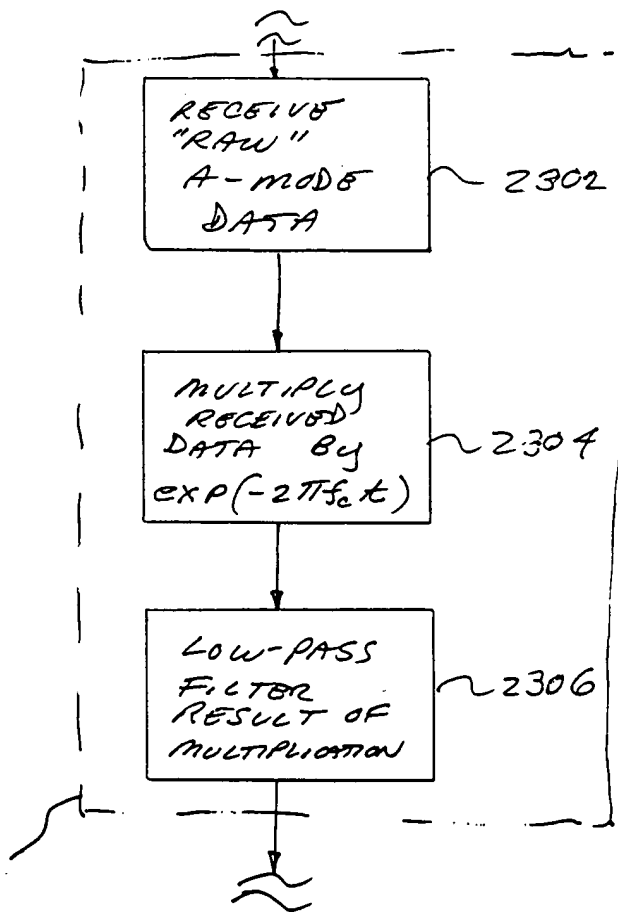


Fig. 22



2042

FIG. 23

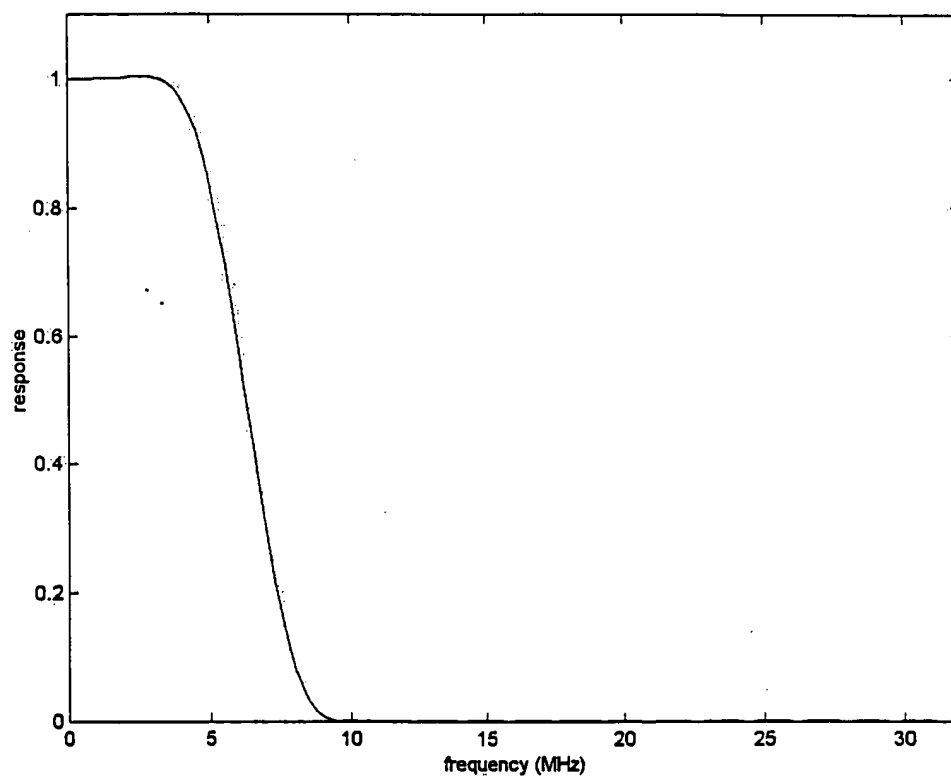


Fig. 25

-1
-1
0
2
4
6
6
2
-6
-16
-25
-26
-16
10
50
98
143
176
188
176
143
98
50
10
-16
-26
-25
-16
-6
6
6
6
4
2
0
-1
-1

FIG. 26

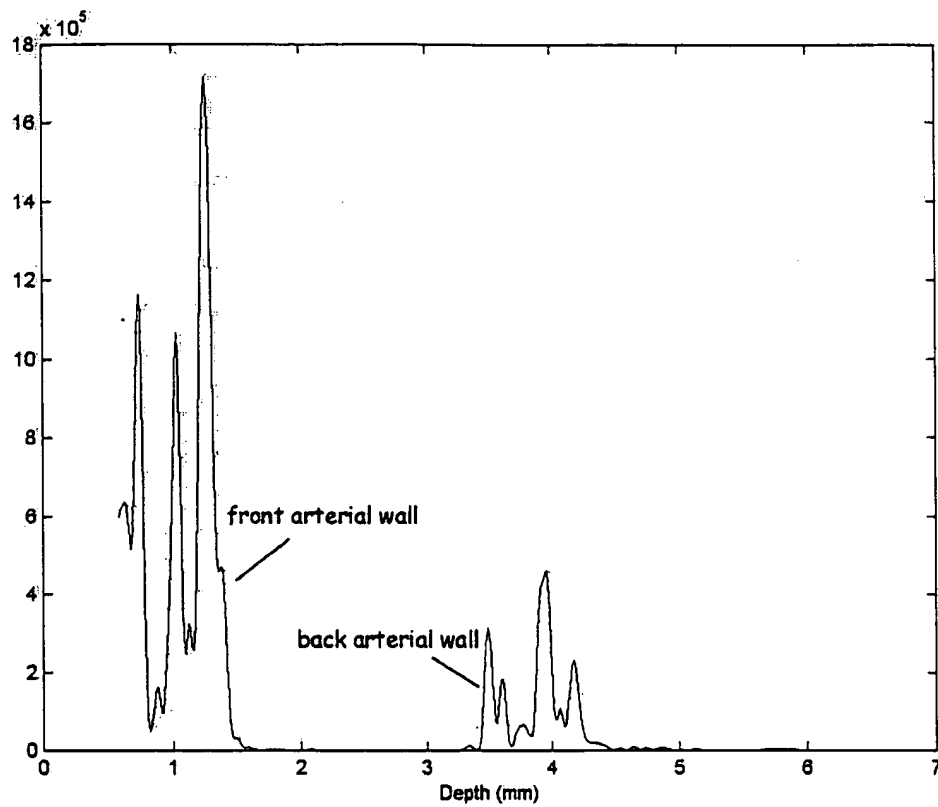


Fig. 27

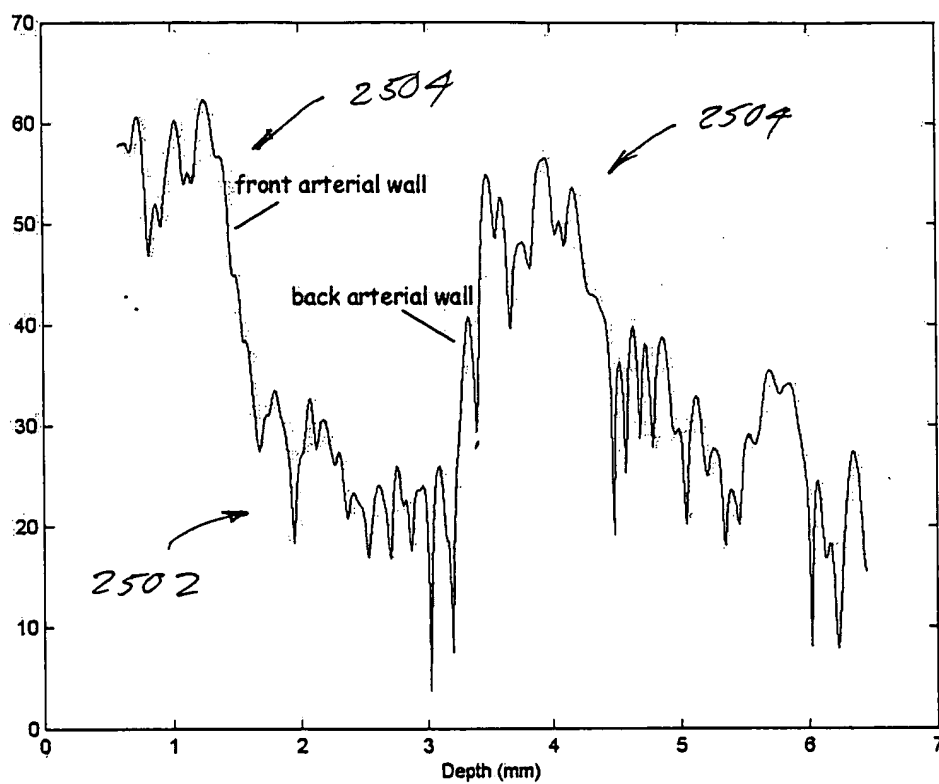


Fig. 28

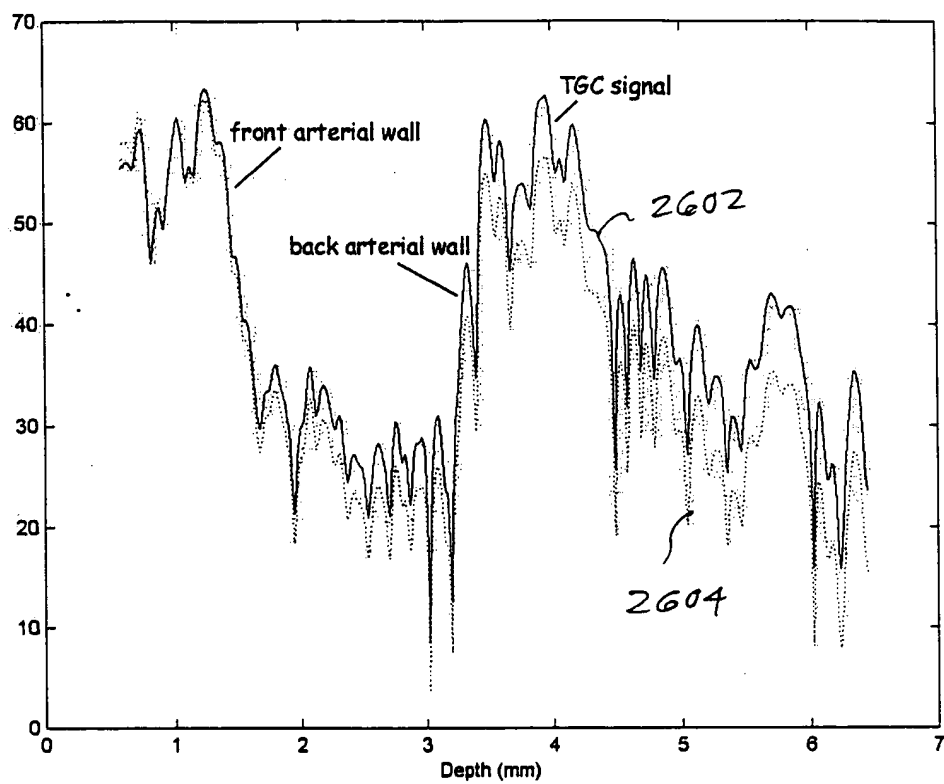


Fig. 29

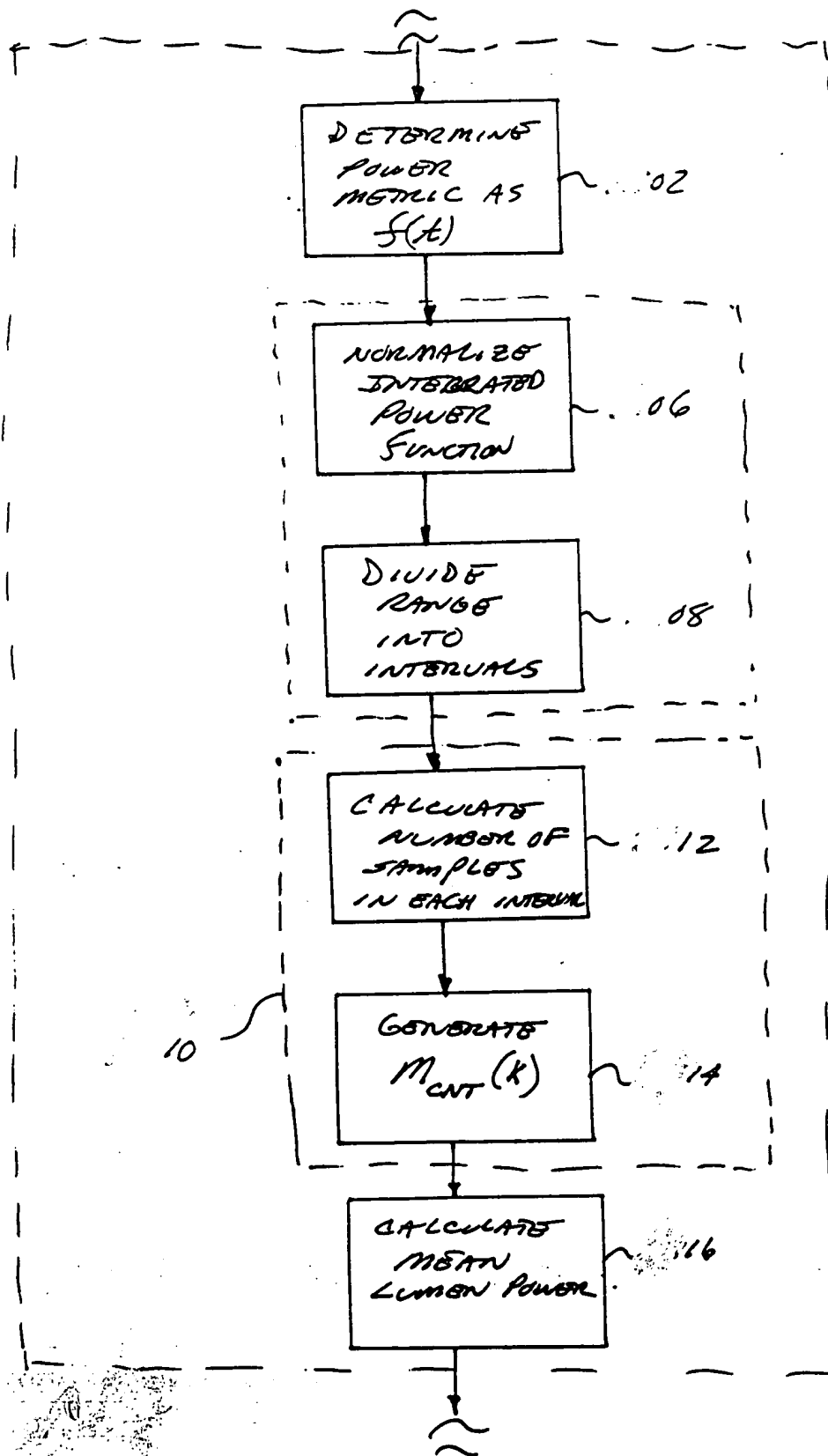


FIG. 30a



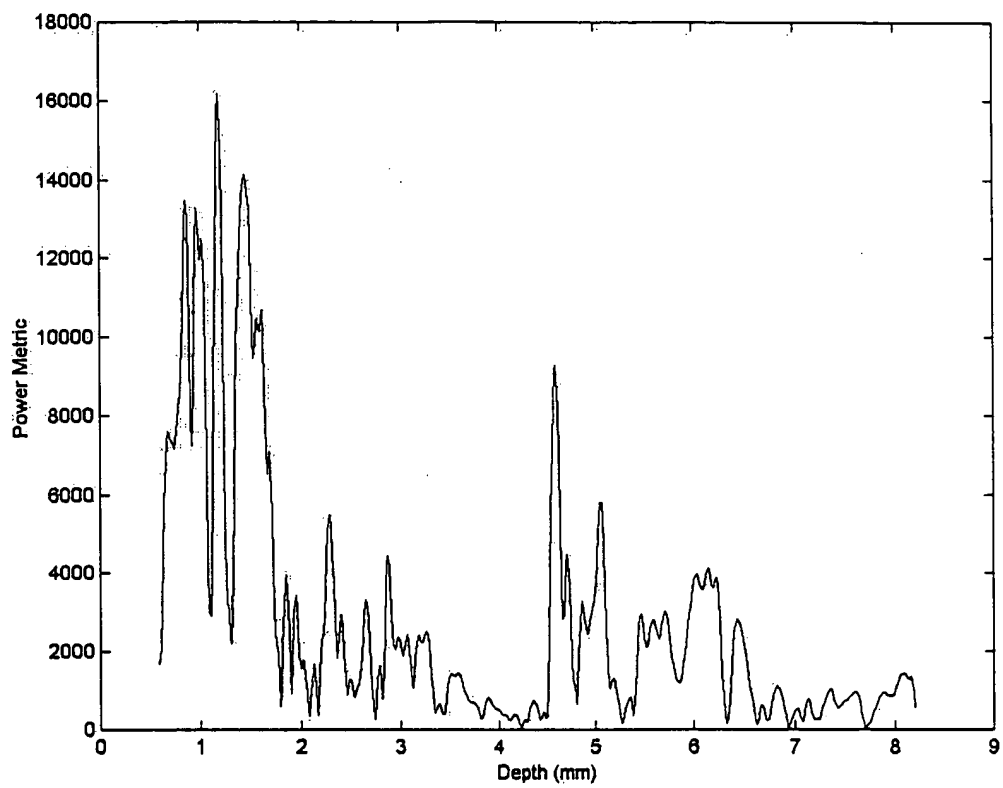


Fig. . . . 306

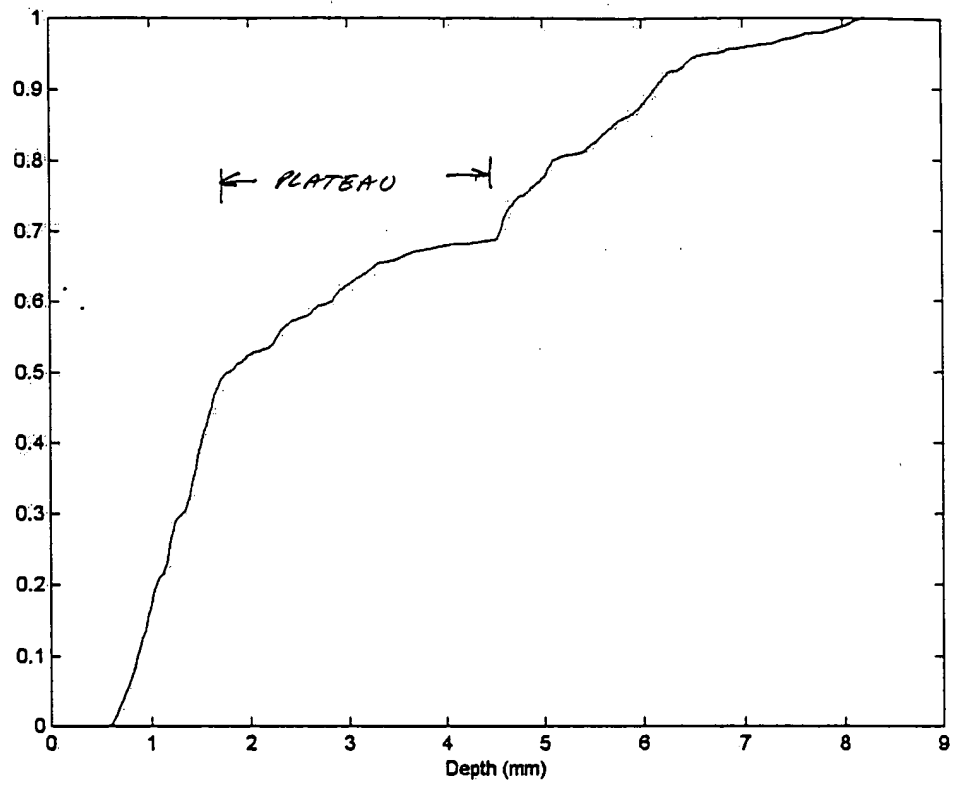


Fig. 30c

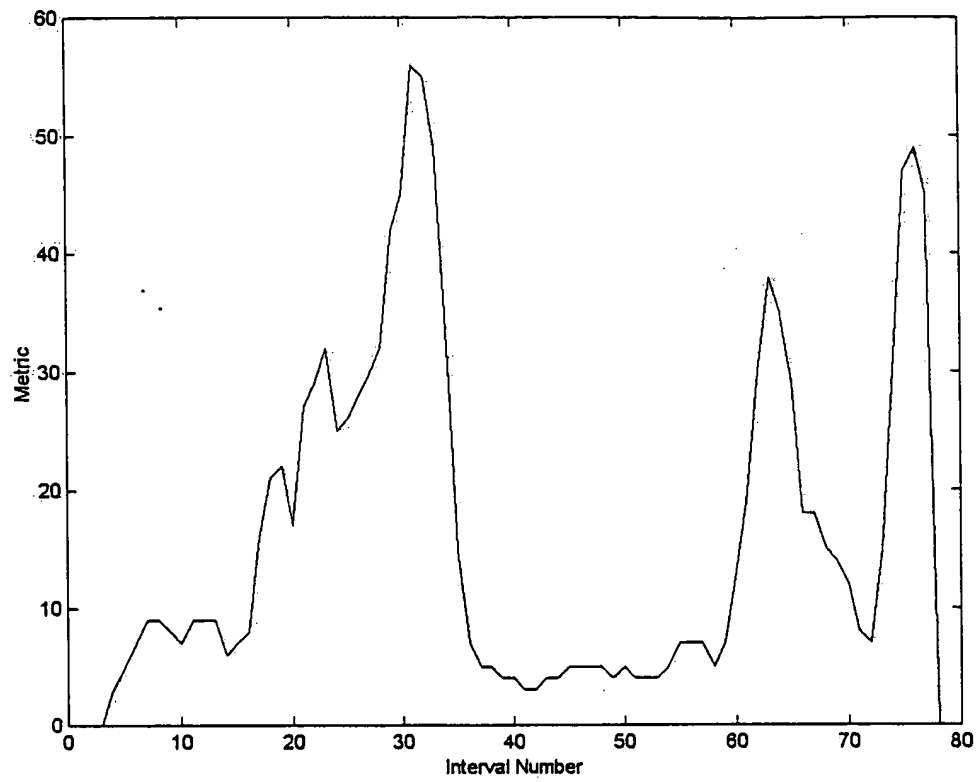


Fig. 30d

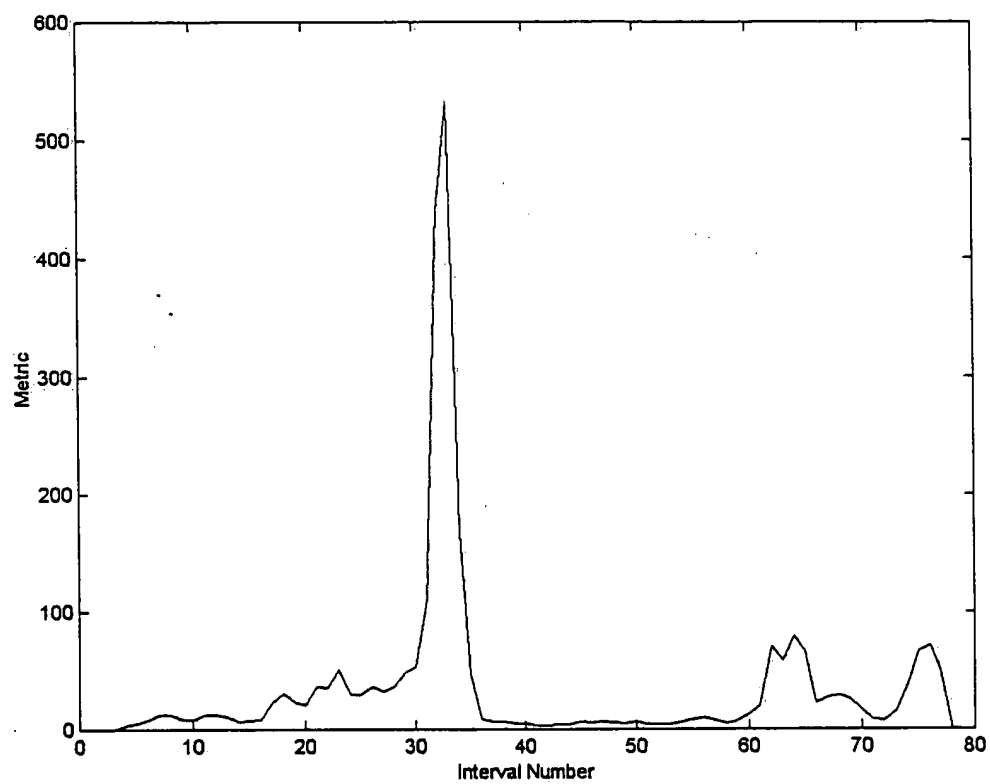


Fig. 30e

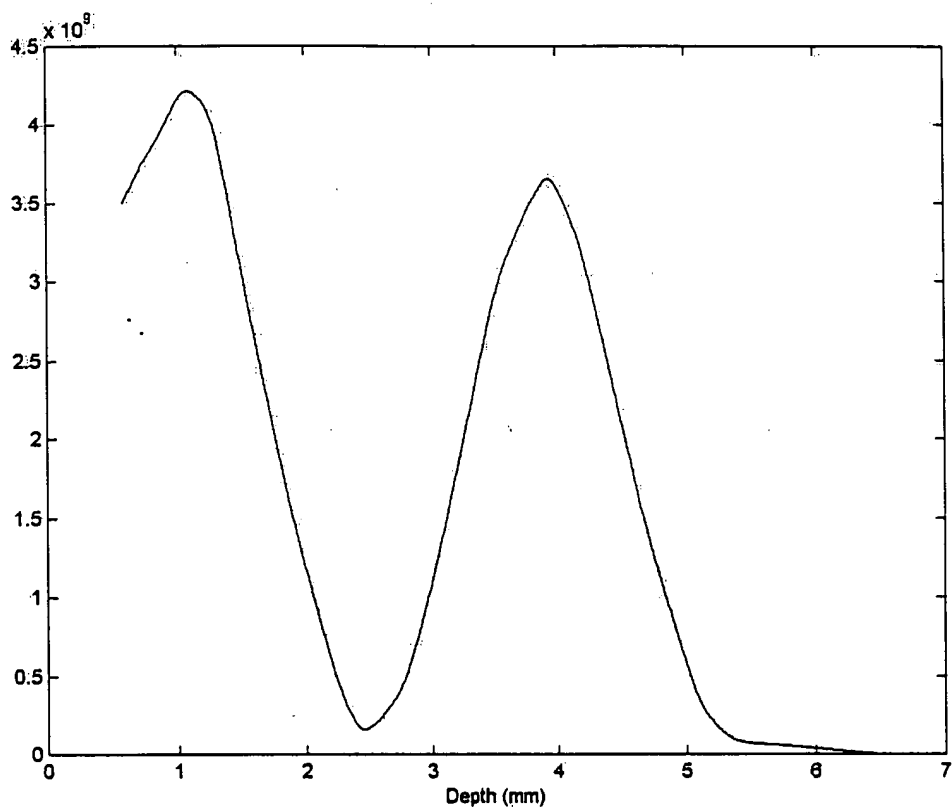


Fig.

3/a

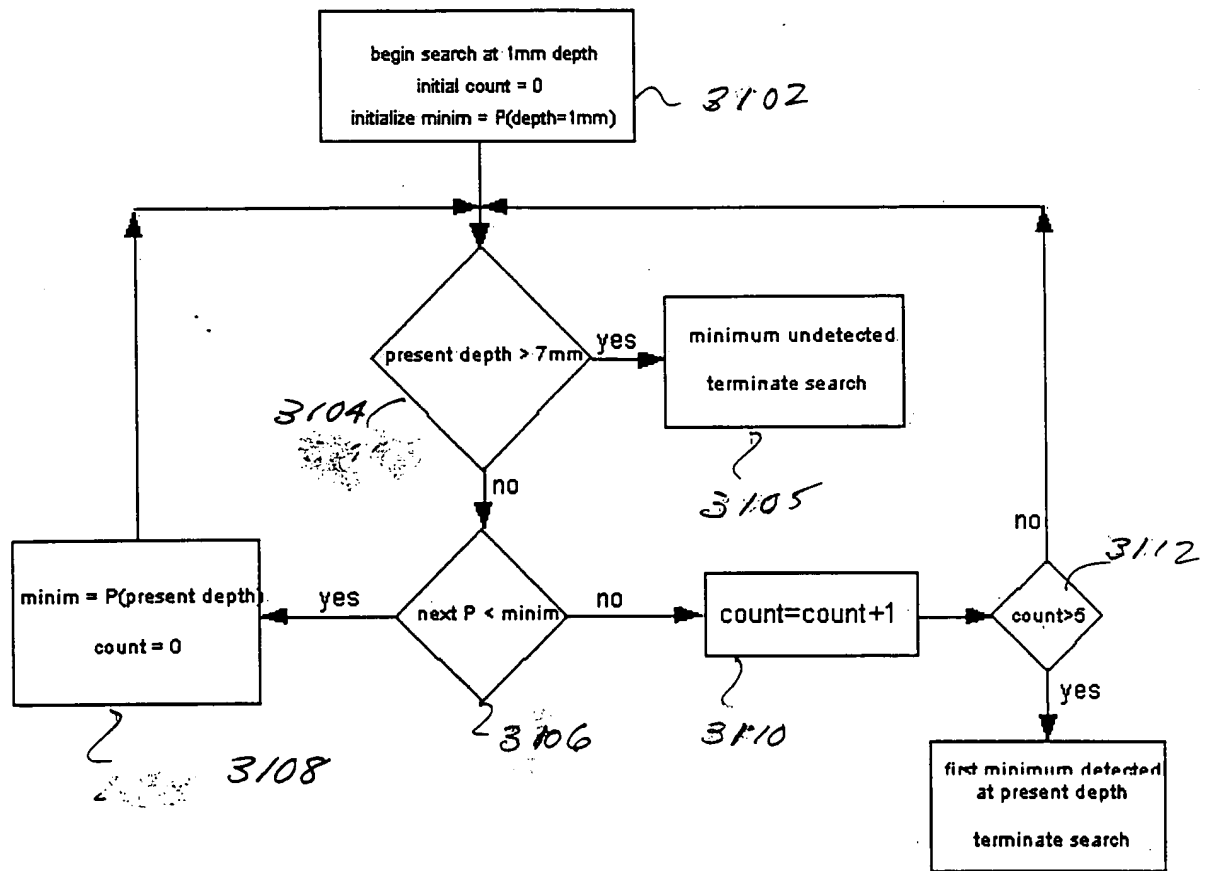
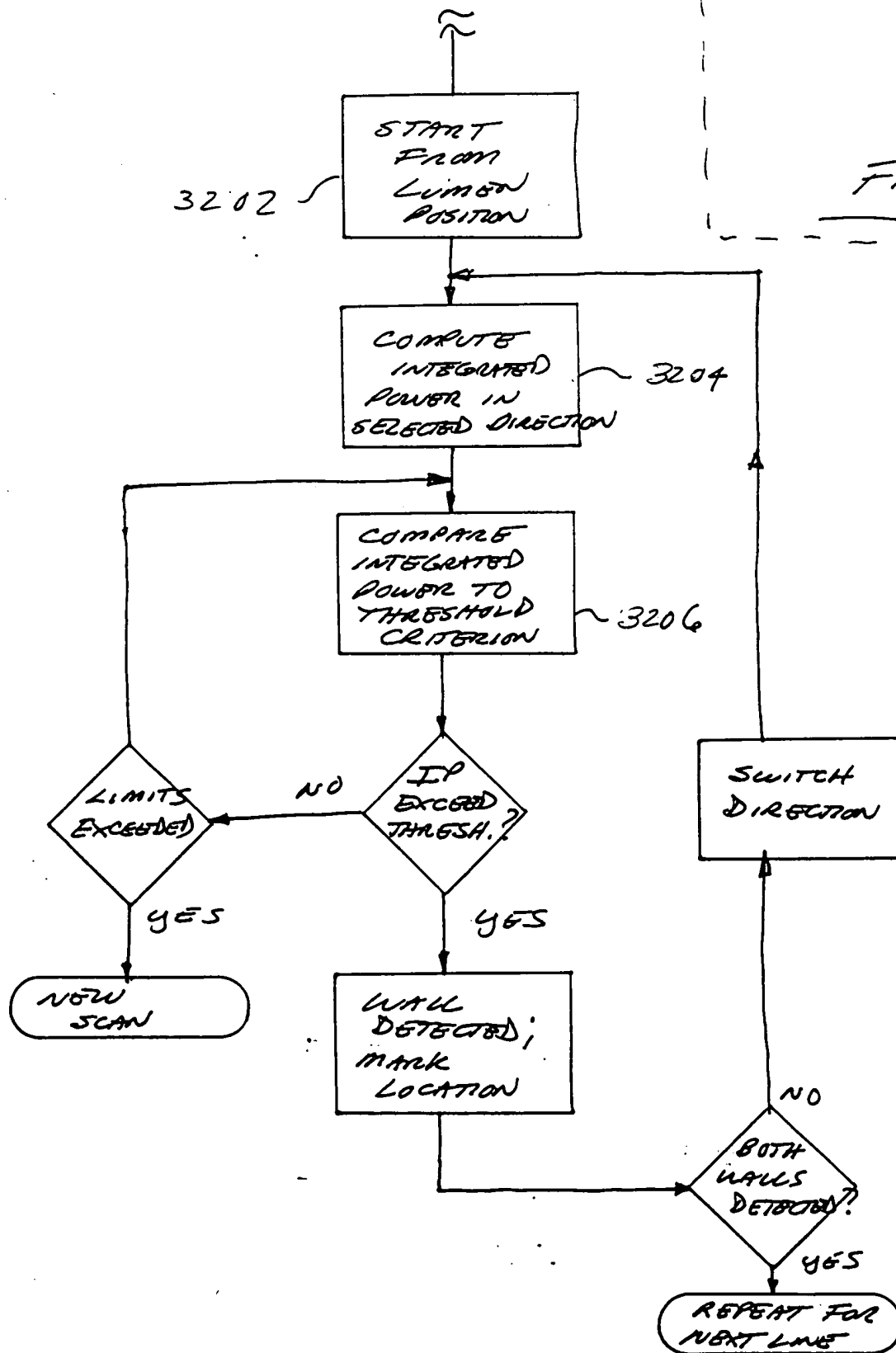
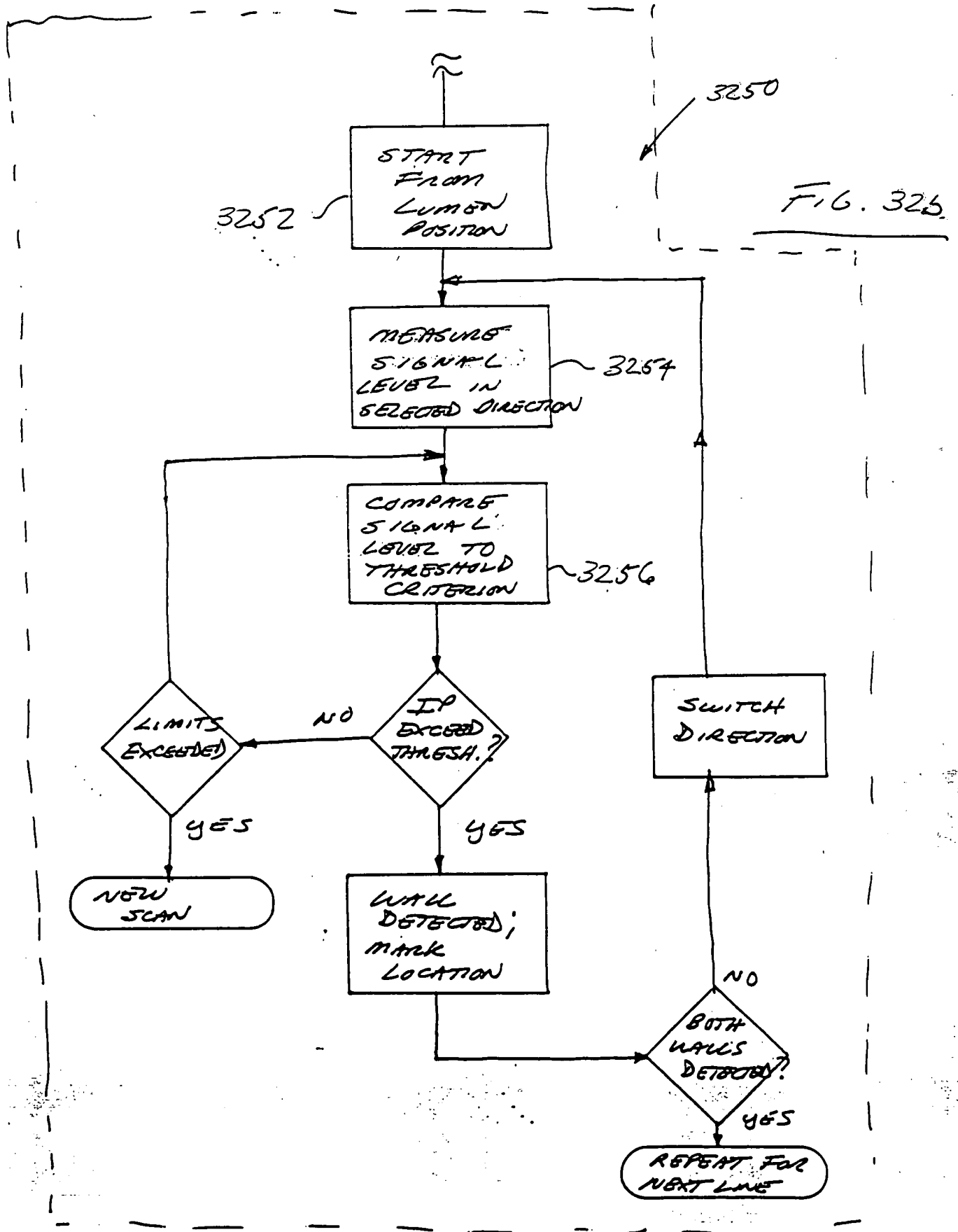


Fig. 3/6

3202

FIG. 322







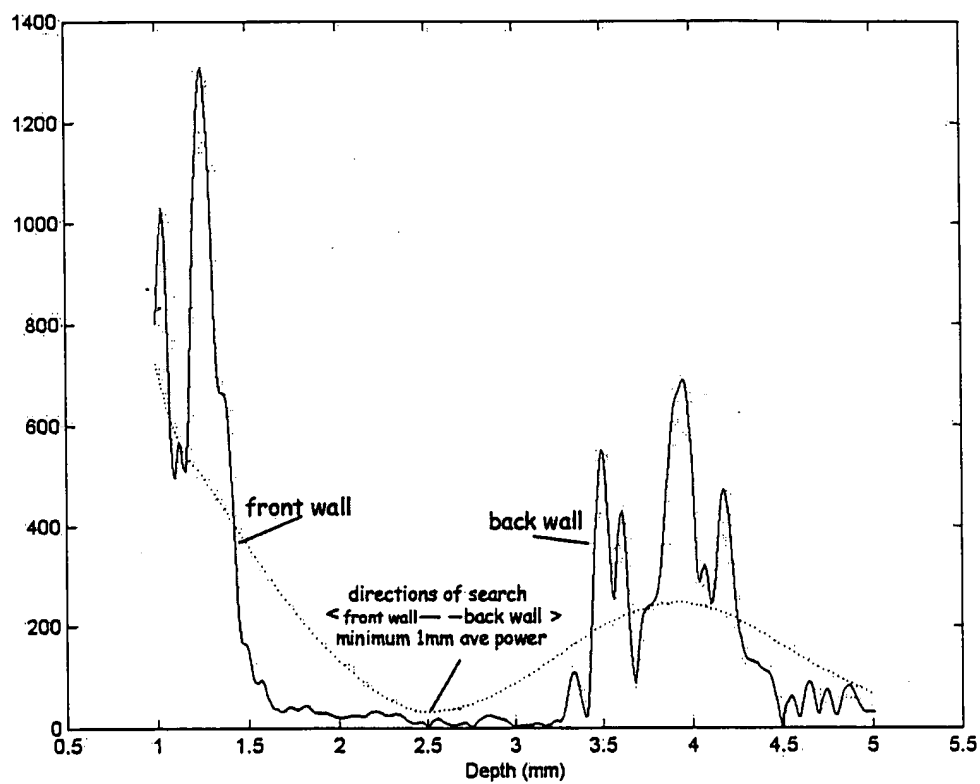


Fig. 33

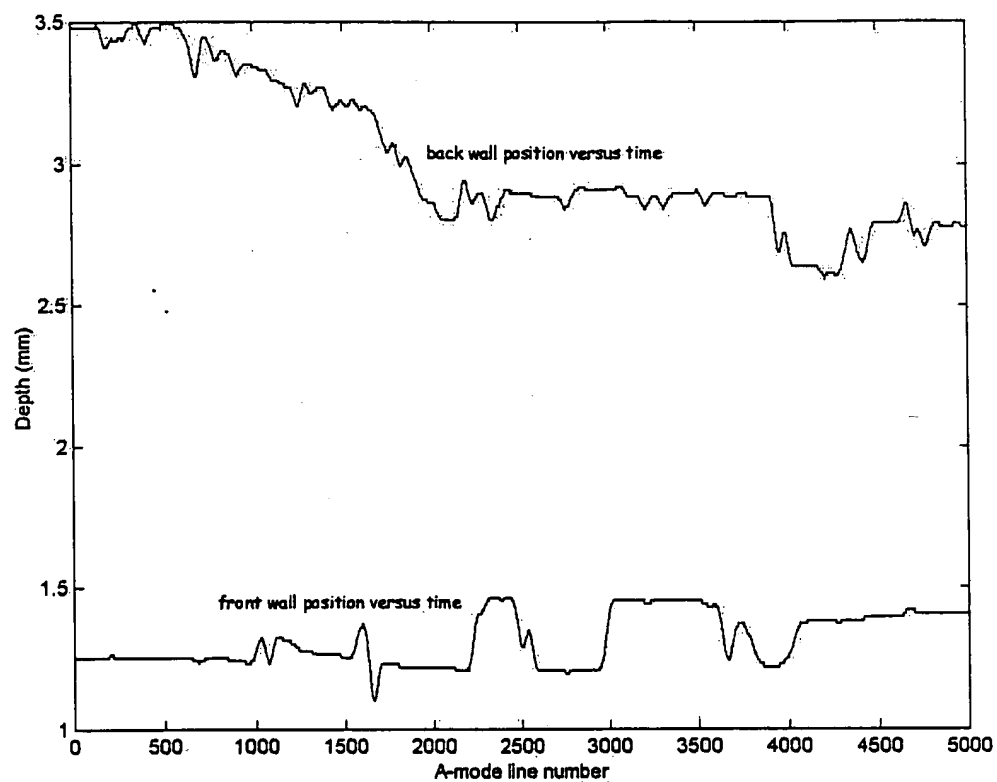


Fig. = 34

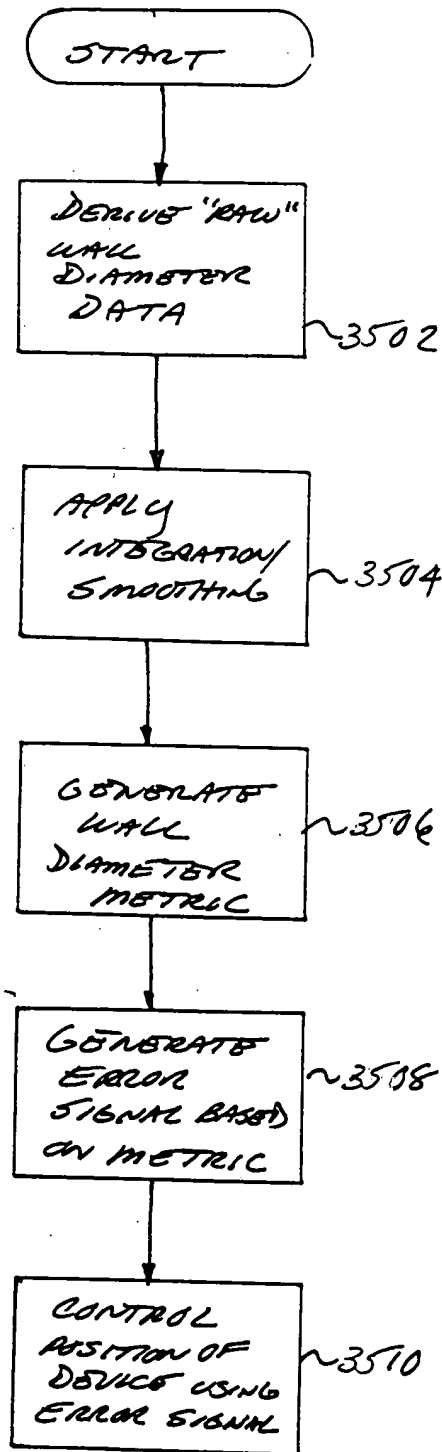


FIG. 35

35.00  
↙